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ABSTRACT

This study was undertaken to assess the condition of school facilities in rural and small school districts in the 50 states and analyze the mechanisms used by rural and small school districts to finance capital outlay. The study is part of an ongoing effort to address concerns specific to rural and small schools in the United States. The focus of the study is on the condition of school buildings in rural and small school districts in the United States. The sample used was drawn from districts with student enrollments of less than 800 and existing outside of standard metropolitan statistical areas. Usable responses were received from 263 districts from 37 states. Information is categorized into individual building data and descriptive and financial data from each responding district. In addition to general descriptive data, there is information specific to the methods used by each district in support of capital outlay. Data include district enrollment, expenditures for outlay and maintenance, sources for generating capital outlay, age of buildings, use and accessibility of buildings, safety of buildings, and replacement costs of buildings. The report is presented in two sections. The first section details the mean, standard deviation and range of the values reported for each variable by all respondents to the survey. It also offers the same values for each variable grouped according to the geographic region in which the school district is located. The second section analyzes each variable independently. Quartiles, histograms, boxplots, normal probability plots, and frequency counts are given. There is no attempt to recommend changes for rectifying the situation. This report contains many graphs and charts. (Author/TES)

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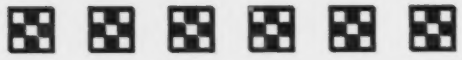
A Technical Report on the Condition of School Buildings in Rural and Small School Districts



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A TECHNICAL REPORT ON THE CONDITION OF SCHOOL BUILDINGS IN RURAL AND SMALL SCHOOL DISTRICTS

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Introduction

There is a growing amount of research which expresses a concern for the issues which surround the complex process of financing school buildings. Increasingly, research suggests that many school districts are confronted with insurmountable resistance to providing adequate and exemplary facilities for school children. While the broad issues of adequacy and equity are found through-out the school finance literature, there is a small and growing body of research which addresses these concepts and extends the doctrines of ex ante and ex post fiscal neutrality to school facilities as well as educational programs. School buildings are an important aspect of the organizational structure which delivers education to children in every community in the United States such that,

> . . . [school] facilities must be structurally safe, contain fire safety measures, sufficient exits for safe and easy flow of traffic, an adequate, safe and potable water supply, an adequate sewage disposal system, sufficient and sanitary toilet facilities and plumbing fixtures, and adequate general instructional, administrative and custodial storage. All facilities must be adequately lighted, in good repair, and attractively painted. Facilities must be designed to prevent loud noises from traveling from one section of the building to the other. (Pauley v. Kelly, No.7-1268 (Kanawah County Cir. Ct. W. Va. May 1982))

The need for new construction and the renovation of many existing structures is common through-out the nation. School districts are continually faced with difficult questions concerning the ongoing evaluation of the condition of school facilities. Decisions on whether to repair, renovate, or replace a structure can depend upon the growth or decline of student enrollments, the current condition of the structure, and economic realities of the area.

The Study

Overview: The present study was undertaken to estimate the condition of school facilities in rural and small school districts in the fifty states and analyze the mechanisms used by rural and small school districts to finance capital outlay. The study is part of an ongoing effort to address concerns specific to rural and small schools. To assist in the effort, endorsements for the study were provided by the National Rural Education Association, and the Center for Rural and Small Schools at Kansas State University. No attempt is made in this report to make recommendations to rectify the situation.

The focus of the study was on the condition of school buildings in rural and small school districts in the United States. Given the lack of a definitive description of "rural and small," the sample used for this study was drawn from districts with student enrollments less than 800, existing outside of standard metropolitan statistical areas. Based on these criteria, a stratified, random sample of rural and small school districts in the fifty states was developed. Usable responses were received from 263 districts from 37 states. Information was collected in two categories; 1) descriptive and financial data from each responding district, and 2) individual building data . Table 1. indicates the respondents by state.

Table 1.

Respondents to the Survey

State	Number of Surveys Mailed	Response	State	Number of Surveys Mailed	Response
Alaska	10	20%	Montana	92	5%
Arizona	26	12%	N. Dakota	67	15%
Arkansas	48	10%	Nebraska	63	20%
Ca.	120	4%	N.Hampshire	31	37%
Colorado	26	31%	N.Jersey	64	5%
Delaware	16	25%	N.Mexico	12	25%
Florida	33	3%	N. York	48	25%
Hawaii	10	10%	Ohio	23	9%
Iowa	78	22%	Oklahoma	121	7%
Idaho	16	31%	Oregon	50	12%
Illinois	135	17%	Penn.	6	33%
Indianna	10	20%	S.Dakota	41	29%
Kansas	53	36%	Tennessee	3	33%
Louisiana	25	8%	Texas	140	13%
Maine	12	25%	W.Virginia	19	11%
Maryland	21	25%	Washington	38	16%
Michigan	23	32%	Wisconsin	50	20%
Minnesota	69	23%	Wyoming	5	20%
Missouri	36	13%			

Data collected from each district were used to develop descriptive profiles of the districts which responded. In addition to general descriptive data, information specific to the methods used by each district in support of capital outlay were solicitated. These data included:

1. District enrollment
2. Anticipated expenditures for capital outlay, maintenance, and debt service for 1987 -88
3. Extent to which state imposed limitations on capital outlay funds were exercised by the district for the past five years
4. Extent to which each of the following were used to generate capital outlay (as a percentage of the total): bonds, transfers from current operations, equalized payments from the state, interest transfers, matching funds, local mill levy authority, loans, and other sources.

A second category of data was collected which included detailed information on each attendance center currently operated by the district. These data included:

1. Current use of the building
2. Year and cost of the original construction
3. Adequacy of the building for enrollment
4. Safety of the building as defined by OSHA guidelines
5. Accessibility of the building for handicapped persons
6. Dollar amounts of accumulated deferred maintenance, the insurance value, and the estimated replacement cost of the building,
7. The Replacement Cost Index for each building.

The Replacement Cost Index: In an attempt to address the issue of historic cost versus current replacement cost ratio analysis, the Replacement Cost Index (RCI) was first developed and applied to school facilities in Kansas in 1983. The index is the ratio of the original cost of a building plus the sum of all major additions, renovations, and other capital improvements to the building divided by its estimated replacement cost. All original and improvement costs are given in historic dollars while the current replacement cost is the current dollar value of the facility. The formula is given as:

$$RCI = \frac{OC + \sum I1...In}{CRC}$$

where OC is the original cost, I are the improvements from 1 to n, and CRC is the current replacement cost. Honeyman and Stewart theorized that a high value for the computed index for a school building or a group of buildings indicated that repair and renovation had maintained the value and condition of the structure over time. A low index would indicate neglect or inability to fund continuing repair, maintenance, and needed improvement. By using the index, comparisons of the relative condition of facilities could be made within a district or among school districts within a state.

The Report

The report is presented in two sections. Section One, Part One details the mean, standard deviation and range of the values

reported for each variable by all respondents to the survey. Section One, Part Two details the same values for each variable grouped according to the geographic region in which the school district is located. These regions include, New England, the Mideast, the Southeast, the Great Lakes, the Plains States, the Southwest, the Rocky Mountains, and the Far West.

Section Two includes a detailed analysis of each variable. Each variable in analyzed independently and quartiles, a histogram, a boxplot, and frequency counts are reported.

SECTION ONE - PART ONE

ANALYSIS OF DATA

SECTION ONE - PART ONE

There is an overwhelming inability of local districts to fund capital outlay at levels needed to keep their buildings adequate, safe, and accessible to special populations of students. Evidence exists to suggest that school buildings are deteriorating rapidly and that maintenance needs are increasing concomitantly. See Tables 2. (District Data) and Table 3. (Building Data) at the conclusion of Part One. Where the average age of buildings exceeds forty years (Mean = 1946) and cost an average of only $745,213 to build, there is a clear indication that the current dollar estimates for modernization, replacement, and maintenance will continue to increase from any already high level. As most states do not provide equalization aid in large proportions to local districts for facility purposes, the costs of improvements and replacement of obsolete buildings generally falls to the local property tax mechanism. As reported in this study districts used bonds (47.54%), transfers from local fund balances (20.1%), or direct, local, tax authorities (45.93%) to generate funds for capital outlay. Respondents indicated limited assistance from equalized state payments (13.9%) or matching funds (9.41%).

The average district as reported in the study spent 4.4% of the budget on capital outlay, 5.3% on maintenance, and 3.5% on debt service. These levels of expenditure would appear inadequate given an average replacement cost which exceeds $2.82 million.

Questions as to the adequacy, safety, and access for handicapped students for school buildings reported in this study do have a relationship with the reported levels of deferred maintenance and the computed replacement cost index (0.4). The average deferred

maintenance reported in this study approached $300,000 per building and over one-half of the districts which responded reported that buildings were considered inferior for various reasons (17% were inadequate, 7% were unsafe by OSHA guidelines, and 34% were inaccessible to handicapped students).

The message from this research on rural schools suggests that nationally the cost of deferred maintenance is approximately $2.6 billion and the replacement cost for that 50 percent of the buildings which are inadequate, unsafe, inaccessible or approaching the end of their useful life approaches $18 billion. This problem is compounded by the fact that the majority of the districts which responded are already exercising 53% of their allowable limits for capital outlay and 27% of the respondents already exercise 100% of their limit.

Regardless of the mechanism used to address deferred maintenance and facility needs, a clear awareness should exist at the state level concerning the difficulty presently experienced by school district officials. As a vital part of a state's infrastructure, school buildings must be ranked above highways, roads, and prisons and equitable solutions found to solve this growing concern.

Part One. Table 2.

THE CONDITION OF SCHOOL BUILDINGS IN RURAL AND SMALL SCHOOL DISTRICTS

ANALYSIS OF DESCRIPTIVE DATA
FOR TOTAL SAMPLE

THE CENTER FOR RURAL AND SMALL SCHOOLS
KANSAS STATE UNIVERSITY

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
DISTRICT ENROLLMENT (1=0-99,2=100-199,3=200-399,4=400-599,5=600-799,6=>800)	272	3.95	1.53	1.0000	6.0

PERCENTAGE OF BUDGET EXPENDED FOR...

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
CAPITAL OUTLAY	240	4.43	4.60	0.0000	30.0
MAINTENANCE	244	5.30	5.70	0.0000	30.0
DEBT SERVICE	218	3.48	4.43	0.0000	30.0
USE OF ALLOWABLE STATE LIMITS FOR CAPITAL OUTLAY	220	53.14	44.59	0.0000	100.0

PERCENTAGE TO WHICH EACH IS USED TO CONTRIBUTE TO CAPITAL OUTLAY

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
BONDS	322	47.54	41.94	0.0000	100.0
TRANSFERS FROM OTHER FUNDS	235	20.10	55.74	0.0000	750.0
EQUALIZED FUNDS FROM STATE	181	13.92	22.43	0.0000	80.0
TRANSFERS FROM INTEREST	134	4.94	12.13	0.0000	90.0
USE OF MATCHING FUNDS	172	9.41	20.23	0.0000	100.0
LOCAL TAX AUTHORITY	214	45.93	39.75	0.0000	100.0
LOANS	162	5.16	16.43	0.0000	100.0
OTHER	34	71.32	38.20	7.0000	100.0

Part One, Table 3.

BUILDING DATA

ORIGINAL YEAR OF CONSTRUCTION (+1900)	457	46.47	22.92	-14.0000	85.0
ORIGINAL COST OF CONSTRUCTION	417	745213.82	1256107.27	0.0000	12130488.0

CURRENT CONDITION OF THE BUILDING

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
ADEQUATE FOR CURRENT ENROLLMENT	466	1.17	0.38	1.0000	2.0
SAFE BY OSHA STANDARDS	466	1.07	0.26	1.0000	2.0
ACCESSIBLE BY HANDICAPPED (1=YES) (2=NO)	463	1.34	0.47	1.0000	2.0

OTHER INFORMATION

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
LEVEL OF DEFERRED MAINTENANCE($)	324	297696.30	1928514.49	0.0000	33004620.0
CURRENT INSURED VALUE ($)	387	2241358.63	2272113.19	0.0000	15420246.0
CURRENT REPLACEMENT COST ($)	453	2825137.84	3446564.02	10000.0000	40089500.0
SUM OF ADDITIONS TO PRESENT STRUCTURE ($)	443	1030075.67	1427554.12	0.0000	13980992.0
REPLACEMENT COST INDEX	437	0.40	0.36	0.0000	4.7

SECTION ONE - PART TWO

ANALYSIS BY GEOGRAPHIC REGION

SECTION ONE - PART TWO

To further investigate the condition of school facilities and analyze the financial mechanisms used by rural and small schools to finance capital outlay the data were analyzed by geographic regions of the United States. The states included within each region are listed below.

Region	State	Region	State
New England	Maine	Plains	Iowa
	New Hampshire		Kansas
			Minnesota
Mideast	Delaware		Missouri
	Maryland		Nebraska
	New Jersey		North Dakota
	New York		South Dakota
	Pennsylvania		
Southeast	Arkansas	Southwest	Arizona
	Florida		New Mexico
	Louisiana		Oklahoma
	Tennessee		Texas
	West Virginia		
Great Lakes	Illinois	Rocky Mountain	Colorado
	Indiana		Idaho
	Michigan		Montana
	Ohio		Wyoming
	Wisconsin		
		Far West	Alaska
			California
			Hawaii
			Oregon
			Washington

Comparisons of the Data by Geographic Region

In this section each variable is discussed in relation to the values reported by region. Details are included in tables at the end of the PART TWO.

Variable: Size - Enrollment

The distribution of the values for the variable SIZE of the school districts reporting in this study offers indicates the variations in enrollments across the sample.

Five regions (New England, Southeast, Great Lakes, Rock Mountains, Far West) reported a wide range in size. Minimum size for these regions ranged from less than 100 to greater than 800 students. Three other regions (Mideast, Plains, Southwest) exhibited narrower ranges in size, with Plains and Southwest tending toward lower enrollments (less than 100 to less than 800), while Mideast had a higher distribution of more than 400 to more than 800). Means for each region indicated clustering of enrollment categories ranged from 3.05 (Far West) to 5.73 (Mideast). The data are consistent with both the general population of the regions and their respective percentage of public and private school enrollments.

Variable : Percentage of District Expenditures for Capital Outlay

The values reported for the variable CAP consistently supported the data found in this study, indicating heavy utilization of available mechanisms for facility funding.

Respondents from seven of the eight regions were able to identify districts which reported no funds expended for capital outlay. Only one region (Rocky Mountain) reported that all

districts spent at least one percent for capitol outlay. By contrast, all regions reported same district expending significant percentages of total budget on capital outlay, with two regions (Plains and Southeast) reporting districts channeling up to 30% for capital expenditures. Of the eight regions, five equaled or exceeded 20% of operating budget expended for capital outlay. Such numbers indicate a high level of activity for capital outlay and a significant portion of current operating expenditures being directed from potential educational programs to facility concerns.

Variable : Percentage of Budget for Maintenance

The values reported for the maintenance budget variable MAIN similarly indicated a significant drain on school district resources for maintaining school facilities. Only 3 regions (Southeast, Great Lakes, Plains) reported districts which were not presently expending for maintenance. The remaining 5 regions spent from a low of .01% (Southwest) to a high of 30% (Rocky Mountain, Far West). The mean for each region ranged from approximately 4% for the Northeast, Great Lakes, Plains and Far West, to a high 9.69% in the Mideast. In all instances, the means indicated the increasing need among districts to finance maintenance within their current operating budget.

Variable : Percentage of Budget for Debt Service

The range in values reported for the third variable of DEBT, also indicated a sizable financial burden to school districts. While all regions reported districts without debt liability, the regions also reported sizable effort, indicating a considerable need to provide both adequacy of funding measures

and equitable tax source divisions.

The range and clustering of means indicated the least effort in the Rocky Mountain (1.32%) region. Three regions reported means between 2-3%, while the remaining three increased rapidly, ranging from the Mideast (3.73%), Great Lakes (4.38%), and Southwest (5.71%), to the Southeast (6.20%). These data indicate several phenomena consistent with other data regarding national population shifts, the historical age of regions of the nation, and conservative political climates. Since all eight regions reported considerable effort in support of debt service (from 1.32% to 6.20%), the effect of those issues which influence the levels of debt service which school districts must fund, ie., local wealth, state law, variations in ability to pay, etc. are consistent through-out the United States.

Variable : Use of Allowable State Limits for Capital Outlay

The degree to which school districts responding in this study exercise allowable debt capacities, LIMIT, under state law indicates a potentially severe problem. While data from the Mideast Region were inconclusive, all other regions reported limitations which ranged from 0 to 100%. Four of the eight regions (Great Lakes, Plains, Southwest, and Rocky Mountains) reported districts which exercise debt obligations approaching the maximum permissible limit. Responses from the Plains (64.06%), Great Lakes (64.16%), Rocky Mountains (67.58%), and Southwest (77.4%) indicate either that the need for facilities is so great that debt capacities are nearly absorbed, or that state limits on bond indebtedness capacity are unrealistically low. In

either case, a severe problem exists. Later data indicate that these conditions exist in tandem, increasing the complexity of the funding issue and confounding solutions to the problem of sufficient local capacity to fund adequate facilities.

Mechanisms Used to Contribute to Capital Outlay: Bonds, Transfers, Equalized Aid, Interest Transfers, State Matching Funds, Local Funds, Loans, and Other

The interpretation of the data discussed above indicated a extent to which capital outlay funds were used to maintain facilities, to construct new buildings, and to service current and new debt. This section of the discussion offers a revealing look at the mechanisms used by school districts to fund facilities.

All regions indicated that the principal method of support for facility project was bonding BONDS, local funding, LOCAL or some combination of the two. These two variables were the predominant feature in financing facilities. In most regions the percentage use of bonding had an inverse relationship to local funds.

A majority of regions rely heavily on bonding to fund capital outlay in excess of 50% of total dollars needed per project. Regions reporting the highest percentages use of the bond mechanism were New England (50.9%), Mideast (70.45%), Southeast (73.95%), Great Lakes (50.57%), and Southwest (53.97). With the exception of the Great Lakes (55.12%), these regions also reported the lowest reliance on local funds (New England 34.38%, Mideast 30.67%, Southeast 13.13%).

The opposite situation was noted for regions reporting high level of local funding for capital outlay. Three regions reported lower reliance on the bond mechanism, the Plains (24.66%), Rocky

Mountains (38.26%), and Far West (40.67%). As expected local effort remain strong, with the Plains reporting 64.33% reliance on local effort, and the Far West reporting 66.31%. Only the Rocky Mountains region reporting lower levels of effort in both variables, with 35.84% local funding reliance and 38.26% reliance on bonding.

Other mechanisms available to school districts were less prominent, but should be noted. The contribution of direct state participation in the support of capital outlay including equalized payments, EQUAL, and grants as matching funds, MATCH, or loans, LOANS, was noted in several regions. A limited number of respondents in the Mideast (5) indicated that approximately two-thirds of funding was derived from matching funds and 8 districts reported that approximately 50 % of their funds were equalized. It is important to note the total will not equal 100%. Many districts use a variety of methods to fund facility projects.

The use of Loans, despite allowable legislative provisions in many states, did not account for a large portion of the distribution. The Far West reported the highest rank at 33.55%, with the Southwest the next closest at 10.15% of funding. Neither did interest transfers, INT, from general fund moneys account for significant totals, with the highest level reported in the Plains (11.58%). By contrast, significant levels were found for transfers from other funds, TRANS, with two districts in the Mideast (60.0%) leading all regions.

The methods used by the various states and regions are

widely diverse, making generalizations difficult. Nonetheless, reliance on traditional revenue sources of bonding and local taxing authority predominate, with significant but lesser support systems such as equalized funds and matching grants. These results support the concept that facilities are primarily a local concern, and only partially a state issue. This is supported by the fact that in the majority of states reported in this study, the extent to which levels of need for repair and replacement of school buildings can be funded is related to local school district wealth. In practice, it would appear that the methods used by districts to support school facility projects contribute not only to an increasing dependence on local wealth, but also to correspondingly high levels of unmet facility needs when the wealth of the district can not support facility development.

Variables : Original Year and Original Cost of Construction

Five variables addressing the relative age of facilities, ORIG YEAR, original cost, ORIG COST, insured values, INSUR, replacement cost, REPL, and a replacement cost index, INDEX1, were assessed. Two measures, original construction year and original cost, are addressed this section. The remaining three variables are discussed in the next section. These five variables provide a probing insight into age, risk factors, inflation, and construction replacement costs.

The distribution dates given by respondents for original construction years confirms suspicion that facilities are aging as a cohort group and carry the weight of considerable years of utility. Not surprisingly, the Mideast region shows the newest mean year (1955), followed by Southeast (1952), Rocky Mountains

(1947), Great Lakes (1947), Southwest (1946), Plains (1945), and Far West (1941). As expected, the New England region showed the greatest mean age (1939). In any regions, the average age of facilities may be described "old" whenever the means approach or exceed 50 years: Such is the situation in all eight regions. These findings have implications for other variables described later regarding safety, accessibility, and replacement costs.

Findings on the original cost of buildings indicated that while considerable investment was made in earlier times, communities have received long and economical service from facilities. The analysis of original cost data showed the highest cost region to be the Mideast ($1.44 M) and the lowest was the Southwest ($256,238). The remaining regions were distributed as follows: Southeast ($1.4 M), Rocky Mountains ($913,385), Great Lakes ($676,649), New England ($613,852), Plains ($507,048), and Far West ($360,629). These data appear to be consistent with the reported age of buildings and reflect varying construction costs dependent on the date of construction (age) and geographic location.

Variables : Replacement Cost and Insured Value

The data regarding original cost is in sharp contrast to replacement cost, REPL and insured value, INSUR. The values reported for these variables indicate the effects which the passage of time, inflation, and the sophisticated demands of current educational programs have had on facility costs. The difference between replacement cost and insured value indicates the risk assumed by communities for unexpected accidents.

The estimated replacement cost for facilities reported in this study varied from a high of $5.5 M in the Mideast to a low of $1.3 M per building in the Southwest. For the same facility described earlier under original cost and year, the mean replacement cost for the remaining regions were reported as follows: Southeast ($3.7M), Great Lakes ($2.9 M), New England ($2.5 M), Plains ($2.3 M), Rocky Mountains ($2.3 M), and Far West (1.9 M). The values reported for replacement cost represent large percentage increases. If large scale replacement or renovation were required, funding such a need would result in a potentially heavy tax burden.

The insured value represents the degree of liability assumed by the local community. For the purposes of this study risk was described as that percentage of the estimated replacement cost not covered by insurance. The percentage of risk was calculated for each region and ranged from a high of 49.3% for the Plains to a low of 11.6% in the Rocky Mountain region. The remaining regions were reported as follows: New England (25.9%), Great Lakes (25.2%), Southwest (23.3%), Mideast (17.8%), Southeast (17.55%), Far West (19.2%), and Rocky Mountains (11.6%). If these values held true for every school district they would represent a moderate to high degree of vulnerability to disaster in the event of total building loss. Additionally, a question must be addressed concerning underinsuring for coinsurance purposes. Continued undervaluation would exacerbate the actual difference between insured face value and replacement cost, and districts could risk further financial hardship through failing to meet their respective coinsurance provisions.

Variables : Adequacy, Safety and Accessibility

Three variables assessed the respondents perception of the condition of each building by asking if the building had sufficient space for current and future enrollments ADEQ, was safe by Occupational Safety and Health Administration requirements OSHA, and was accessible to the handicapped HANDIC. All three variables were dichotomous, yielding minimum values of 1.0 (YES) and 2.0 (NO). Mean values for adequacy were sizable but indicated either past effort by districts to provide space or possibly declining enrollments. Three means were highest, ie. districts reporting that a building was inadequate for enrollment in the Far West (33%), New England (25%), and Mideast (20%). Remaining percentages in inadequate buildings declined: Southeast (19%), Southwest (17%), Plains (14%), Great Lakes (11%). The lowest value was found for the Rocky Mountains region (2%). These trends are not surprising given population shifts and other economic and demographic factors which have been experienced by the far west and currently are occurring in the East.

Mean values reported for handicapped accessibility were higher indicating a greater need for funds. Such needs occur despite mandates and limited federal aid, many buildings do not presently meet standards for full compliance. Values arrayed in descending order indicate extensive need, often in direct correlation to the age of the building: New England (47%), Great Lakes (47%), Far West (45%), Plains (35%), Rocky Mountains (31%), Southeast (23%), Southwest (17%), and Mideast (13%).

Mean values reported for safety were lower, indicating an overall low level of need, yet some districts reported high levels deficiency. These safety issues were generally associated with asbestos removal and other environmental factors. No where was there an indication of concern for structural safety. Values in descending order demonstrate the percentage of buildings reported as unsafe: Mideast (15%), Far West (12%), New England (9%), Great Lakes (8%), Rocky Mountains (7%), Plains (5%), and Southeast (4%). No buildings were reported unsafe in the Southwest (00).

Variable : Sum of Additions

Respondents to the survey were asked to indicate the dollar value of the capital improvements and additions which were made to each building. While the primary purpose for requesting this information was to calculate the replacement cost index, see below, the following relationships were noted.

In some instances, the mean value of additions and improvements exceed one-third of the replacement cost of the building. Such data indicated that many buildings had been enhanced over the years which could contribute to the overall condition of the building. Mean values in descending order indicate considerable activity in all regions for additions and are summarized as follows: Mideast ($2.1 M), Southeast ($1.7 M), Rocky Mountains ($1.1 M), Great Lakes ($870,000), New England ($836,000), Plains ($759,000), Far West ($678,000), and Southwest ($391,000).

Variable :Replacement Cost Index: RCI

The final variable examined explored the replacement cost

index INDEX1 identified earlier. Briefly, the index was calculated by taking the sum of the costs of the original building and all improvements to that facility, divided by its estimated replacement cost. In using RCI it was hypothesized that as the indexed value decreased, the condition of that building worsened and the liability to the district for future repair and replacement increased. Thus a low index value would indicate both need and potential cost. The potential range of values spans from zero to greater than 1. A value greater than 1 would represent a building which has had more money spent on its improvement and major repair than it would cost to replace.

Computed mean values by region, show midrange to low ratios, consistent with findings for age, and condition of buildings described above. Values in descending order, which indicates an increasing level of need are given as follows: Southeast (.51), Southwest (.42), Rocky Mountains (.42), Great Lakes (.40), Plains (.40), Mideast (.39), Far West (.39), and New England (.33).

Summary

The consistency of the results of this analysis demonstrate the magnitude of the problem - many school buildings need repair or replacement. Additionally, the data indicate support for the hypotheses that there is a widespread and serious inability of rural and small communities to generate the funds to support school construction. Although the inability to generate necessary support for school construction is related to multiple and complex causes, the results of this study do indicate the need for states to examine capital outlay and school facility

equity issues. The data consistently identifies: (1) considerable need as demonstrated by all variables examined, (2) a sizable degree of risk which many school districts currently take concerning the long term maintenance and replacement of their facilities, (3) the increasing difficulty for the future as districts encounter an accelerating need to renovate and replace facilities, and (4) the mechanisms used by the various states to finance capital outlay projects have contributed to the difficulties currently being experienced by many rural and small schools by forcing district reliance on local revenues.

THE CONDITION OF SCHOOL BUILDINGS IN RURAL AND SMALL SCHOOL DISTRICTS

ANALYSIS OF DESCRIPTIVE DATA
BY GEOGRAPHIC REGIONS OF THE UNITED STATES

THE CENTER FOR RURAL AND SMALL SCHOOLS
KANSAS STATE UNIVERSITY

---------- NEW ENGLAND----------

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
SIZE	68	4.75	1.41	1.0000	6.0
CAP	62	4.86	3.25	0.0000	12.0
MAIN	65	4.61	4.44	0.1200	11.0
DEBT	66	2.66	2.67	0.0000	9.5
LIMIT	40	38.15	41.15	0.0000	100.0
BONDS	52	50.90	40.66	0.0000	100.0
TRANS	54	13.39	26.33	0.0000	95.0
EQUAL	50	21.80	25.32	0.0000	70.0
INT	44	2.07	4.07	0.0000	10.0
MATCH	36	0.28	1.67	0.0000	10.0
LOCAL	52	34.83	43.16	0.0000	100.0
LOAN	42	0.60	1.64	0.0000	5.0
OTHER	0	.	.	.	.
ORIG year	63	39.94	27.21	-10.0000	82.0
ORIG cost	60	613852.35	1605208.99	2000.0000	12130488.0
ADEQ	64	1.25	0.44	1.0000	2.0
OSHA	64	1.09	0.29	1.0000	2.0
HANDIC	64	1.47	0.50	1.0000	2.0
DEFMAN	56	157515.96	214867.87	0.0000	1100000.0
INSUR	62	1988443.13	2260885.92	6000.0000	15420246.0
REPL	63	2503566.92	2788547.88	20000.0000	15820090.0
SUMADDN	63	836713.03	1786216.92	2000.0000	13980992.0
INDEX1	62	0.33	0.26	0.0067	0.9

---------- MIDEAST ----------

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
SIZE	41	5.73	0.74	3.000	6.0
CAP	40	6.51	5.74	0.000	20.0
MAIN	40	9.69	9.68	1.000	22.0
DEBT	25	3.73	5.08	0.000	23.0
LIMIT	4	2.00	0.00	2.000	2.0
BONDS	22	70.45	31.58	35.000	100.0
TRANS	2	60.00	56.57	20.000	100.0
EQUAL	8	51.75	14.45	20.000	59.0
INT	0	.	.	.	.
MATCH	5	68.00	17.89	60.000	100.0
LOCAL	9	30.67	40.85	6.000	100.0
LOAN	0	.	.	.	.
OTHER	14	100.00	0.00	100.000	100.0
ORIG year	39	55.23	17.42	9.000	79.0
ORIG cost	34	1439832.09	1355980.31	15000.000	4905610.0
ADEQ	40	1.20	0.41	1.000	2.0
OSHA	40	1.15	0.36	1.000	2.0
HANDIC	40	1.13	0.33	1.000	2.0
DEFMAN	26	228576.92	337980.85	0.000	1500000.0
INSUR	32	4741956.78	3495083.57	200000.000	14705626.0
REPL	39	5587251.41	3696027.72	800000.000	18000000.0
SUMADDN	39	2045085.00	1773490.12	200000.000	8205610.0
INDEX1	38	0.39	0.25	0.030	1.0

---------- SOUTHEAST ----------

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
SIZE	59	4.78	1.66	1.0000	6.0
CAP	58	1.82	4.53	0.0000	30.0
MAIN	52	5.93	3.62	0.0000	11.0
DEBT	51	6.20	4.11	0.0000	12.0
LIMIT	24	13.73	17.06	0.5000	93.0
BONDS	51	73.95	31.87	0.0000	100.0
TRANS	16	28.56	34.54	0.0000	100.0
EQUAL	8	5.00	14.14	0.0000	40.0
INT	10	1.40	2.26	0.0000	5.0
MATCH	11	16.36	24.61	0.0000	60.0
LOCAL	31	13.13	8.32	0.0000	35.0
LOAN	8	0.00	0.00	0.0000	0.0
OTHER	4	50.75	39.35	19.0000	100.0
ORIG year	57	52.82	20.77	-13.0000	85.0
ORIG cost	52	1426234.65	1831458.32	2500.0000	7698986.0
ADEQ	57	1.19	0.40	1.0000	2.0
OSHA	57	1.04	0.19	1.0000	2.0
HANDIC	57	1.23	0.42	1.0000	2.0
DEFMAN	18	805333.33	1825642.58	0.0000	7500000.0
INSUR	46	3152770.76	2399827.75	50000.0000	8724463.0
REPL	55	3706101.20	2674273.64	75000.0000	10000000.0
SUMADDN	53	1734430.08	1786813.76	20000.0000	7698986.0
INDEX1	53	0.51	0.63	0.0029	4.7

---------- GREAT LAKES ----------

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
SIZE	75	3.60	1.27	1.000	6.0
CAP	73	3.53	3.27	0.000	22.0
MAIN	72	3.70	2.68	0.000	10.0
DEBT	74	4.38	5.44	0.000	18.0
LIMIT	38	64.16	45.95	0.000	100.0
BONDS	46	50.57	46.78	0.000	100.0
TRANS	34	20.38	29.88	0.000	100.0
EQUAL	29	11.90	22.46	0.000	80.0
INT	30	3.87	14.57	0.000	80.0
MATCH	31	9.65	22.01	0.000	64.0
LOCAL	52	55.12	38.29	0.000	100.0
LOAN	26	0.19	0.98	0.000	5.0
OTHER	5	46.00	49.30	10.000	100.0
ORIG year	73	47.25	22.70	-6.000	83.0
ORIG cost	69	676648.99	1088464.92	10000.000	6000005.0
ADEQ	75	1.11	0.31	1.000	2.0
OSHA	75	1.08	0.27	1.000	2.0
HANDIC	75	1.47	0.50	1.000	2.0
DEFMAN	63	246174.60	916740.91	0.000	7000000.0
INSUR	47	2363076.94	2094143.80	285000.000	10000000.0
REPL	72	2959215.61	4488353.23	100000.000	35000000.0
SUMADDN	72	870782.97	1179825.71	12000.000	6164005.0
INDEX1	71	0.40	0.38	0.005	2.5

---------- PLAINS STATES ----------

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
SIZE	117	3.26	1.12	1.0000	5.0
CAP	108	5.04	4.96	0.0000	30.0
MAIN	110	3.93	4.13	0.0000	20.0
DEBT	109	2.57	4.44	0.0000	30.0
LIMIT	73	64.06	42.35	0.0000	100.0
BONDS	83	24.66	33.82	0.0000	100.0
TRANS	70	28.33	92.35	0.0000	750.0
EQUAL	45	8.18	18.18	0.0000	60.0
INT	57	11.58	16.94	0.0000	90.0
MATCH	44	9.59	18.90	0.0000	80.0
LOCAL	86	64.33	35.33	0.0000	100.0
LOAN	43	3.37	11.53	0.0000	61.0
OTHER	6	42.50	39.04	7.0000	100.0
ORIG year	111	45.40	21.09	-14.0000	85.0
ORIG cost	92	507048.42	615539.91	5000.0000	3100000.0
ADEQ	112	1.14	0.35	1.0000	2.0
OSHA	112	1.05	0.23	1.0000	2.0
HANDIC	112	1.35	0.48	1.0000	2.0
DEFMAN	79	543374.94	3705031.28	0.0000	33004620.0
INSUR	97	1543232.34	1264818.43	10000.0000	7000000.0
REPL	110	2303731.24	3948560.91	10000.0000	40089500.0
SUMADDN	102	759159.94	774541.52	250.0000	3765000.0
INDEX1	100	0.40	0.29	0.0067	1.4

---------- SOUTHWEST ----------

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
SIZE	25	3.28	1.46	1.000	5.00
CAP	25	6.34	4.51	0.000	12.00
MAIN	24	7.50	7.40	0.010	26.00
DEBT	25	5.71	4.77	0.000	13.00
LIMIT	15	77.40	36.64	0.000	100.00
BONDS	20	53.97	37.91	0.000	100.00
TRANS	10	20.30	29.60	0.000	100.00
EQUAL	10	8.00	17.51	0.000	50.00
INT	10	0.70	2.21	0.000	7.00
MATCH	16	14.75	9.18	0.000	21.00
LOCAL	19	21.47	32.97	0.000	100.00
LOAN	11	10.15	9.84	0.000	20.00
OTHER	0	.	.	.	.
ORIG year	22	46.09	23.19	-14.000	81.00
ORIG cost	21	256238.10	319061.15	2000.000	950000.00
ADEQ	24	1.17	0.38	1.000	2.00
OSHA	24	1.00	0.00	1.000	1.00
HANDIC	24	1.17	0.38	1.000	2.00
DEFMAN	17	122588.24	161907.40	0.000	500000.00
INSUR	23	1073600.43	1076347.51	15000.000	4500000.00
REPL	23	1324170.78	1226777.07	15000.000	4500000.00
SUMADDN	23	399160.35	503618.55	11000.000	1872000.00
INDEX1	22	0.42	0.35	0.028	1.02

---------- ROCKY MOUNTAINS ----------

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
SIZE	43	3.70	1.24	1.000	6.00
CAP	38	5.21	4.50	1.000	15.00
MAIN	41	7.90	8.21	0.630	30.00
DEBT	34	1.32	2.73	0.000	10.00
LIMIT	20	67.58	44.80	0.000	100.00
BONDS	27	38.26	44.49	0.000	100.00
TRANS	28	6.46	20.05	0.000	95.00
EQUAL	22	7.09	15.40	0.000	39.00
INT	24	0.59	1.11	0.000	5.00
MATCH	20	0.55	2.46	0.000	11.00
LOCAL	39	35.84	34.27	0.000	100.00
LOAN	21	8.57	21.51	0.000	60.00
OTHER	0	.	.	.	.
ORIG year	41	47.78	23.93	-14.000	84.00
ORIG cost	40	916385.63	1452863.94	20000.000	8200000.00
ADEQ	43	1.02	0.15	1.000	2.00
OSHA	43	1.07	0.26	1.000	2.00
HANDIC	42	1.31	0.47	1.000	2.00
DEFMAN	32	61940.25	74959.64	0.000	250000.00
INSUR	39	2144686.59	1714402.57	0.000	9000000.00
REPL	42	2393661.36	1589203.35	200000.000	9000000.00
SUMADDN	42	1119694.50	1454442.45	278.000	8200000.00
INDEX1	42	0.42	0.25	0.000	0.99

---------- FAR WEST ----------

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
SIZE	44	3.05	1.38	1.0000	6.00
CAP	36	3.46	4.50	0.0000	25.00
MAIN	40	3.92	4.59	0.0200	30.00
DEBT	34	2.28	2.93	0.0000	12.00
LIMIT	6	33.50	51.51	0.0000	100.00
BONDS	21	40.67	45.71	0.0000	100.00
TRANS	21	17.30	28.00	0.0000	99.00
EQUAL	9	2.89	8.67	0.0000	26.00
INT	9	0.69	1.99	0.0000	6.00
MATCH	9	13.36	32.44	0.0000	99.00
LOCAL	26	66.31	38.72	0.0000	100.00
LOAN	11	33.55	40.30	0.0000	100.00
OTHER	5	67.40	34.30	30.0000	95.00
ORIG year	42	41.95	24.26	-11.0000	79.00
ORIG cost	40	360619.23	513412.21	4000.0000	2500000.00
ADEQ	42	1.33	0.48	1.0000	2.00
OSHA	42	1.12	0.33	1.0000	2.00
HANDIC	40	1.45	0.50	1.0000	2.00
DEFMAN	25	169640.00	274067.95	0.0000	1300000.00
INSUR	32	1594157.91	1541995.95	20500.0000	6205731.00
REPL	40	1900780.20	1741925.48	25000.0000	8070194.00
SUMADDN	40	678456.20	926754.62	15000.0000	4037000.00
INDEX1	40	0.39	0.28	0.0120	1.11

SUMMARY BY GEOGRAPHIC REGIONS

VARIABLE	N.E	M.E	S.E	G.L	Plain	S.W	R.M	F.W
SIZE	4.75	5.73	4.78	3.60	3.26	3.28	3.70	3.05
CAP	4.86	6.51	1.82	3.53	5.04	6.34	5.21	3.46
MAIN	4.61	9.69	5.93	3.70	3.93	7.50	7.90	3.92
DEBT	2.66	3.73	6.20	4.38	2.57	5.71	1.32	2.28
LIMIT	38.15	2.00	13.73	64.16	64.06	77.40	67.58	33.50
BONDS	50.90	70.45	73.95	50.57	24.66	53.97	38.26	40.67
TRANS	13.39	60.00	28.56	20.38	28.33	20.30	6.46	17.30
EQUAL	21.80	51.75	5.00	11.90	8.18	8.00	7.09	2.89
INT	2.07	.	1.40	3.87	11.58	0.70	0.59	0.69
MATCH	0.28	68.00	16.36	9.65	9.59	14.75	0.55	13.36
LOCAL	34.83	30.67	13.13	55.12	64.33	21.47	35.84	66.31
LOAN	0.60	.	0.00	0.19	3.37	10.15	8.57	33.55
OTHER	.	100.00	50.75	46.00	42.50	.	.	67.40
ORIG year	39.94	55.23	52.82	47.25	45.40	46.09	47.78	41.95
ORIG cost	613852.35	1439832.09	1426234.65	676648.99	507048.42	256238.10	916385.63	360619.23
ADEQ	1.25	1.20	1.19	1.11	1.14	1.17	1.02	1.33
OSHA	1.09	1.15	1.04	1.08	1.05	1.00	1.07	1.12
HANDIC	1.47	1.13	1.23	1.47	1.35	1.17	1.31	1.45
DEFMAN	157515.96	228576.92	805333.33	246174.60	543374.94	122588.24	61940.25	169640.00
INSUR	1988443.13	4741956.78	3152770.76	2363076.94	1543232.34	1073600.43	2144686.59	1594157.91
REPL	2503566.92	5587251.41	3706101.20	2959215.61	2303731.24	1324170.78	2393661.36	1900780.20
SUMADDN	836713.03	2045085.00	1734430.08	870782.97	759159.94	399160.35	1119694.50	678456.20
INDEX1	0.33	0.39	0.51	0.40	0.40	0.42	0.42	0.39

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THE CONDITION OF SCHOOL BUILDINGS IN RURAL AND SMALL SCHOOLS

SECTION TWO

DETAILED ANALYSES OF EACH VARIABLE USED IN THIS STUDY

DETAILED ANALYSES OF EACH VARIABLE USED IN THIS STUDY

This SECTION details those variables used in the study following a "Univariate" format for descriptive statistics. Briefly, each section of this report includes standard descriptive information including quartiles, ranges, and extremes which give the reader a picture how these variable are distributed throughout the sample. As discussed in the Introduction making comparisons based strictly on an interpretation of the statistical significance of means reported for each catagory could be misleading. To assist the reader in developing a better understanding of the distribution of variables the "quantile" information has been included.

USING THE UNIVARIATE INFORMATION

The report for each variable is contained on three or four pages. The first page generally indicates the Moments, Quartiles, and Extremes for the variable in question. When reviewing the detailed information provided for each variable special attention should be given to the 25% to 75% range, the 50% point or median, and the Mode. Pages two and three of the report for each variable includes three graphs. The Histogram graph and the Boxplot graph give a visual representation of the distribution of the costs associated with each catagory. The Histogram graph depicts the distribution of the values associated with that variable. The shape of the distribution can easily be

seen by rotating the graph 90 degrees. The Boxplot, usually found to the immediate right of the Histogram, uses lines to indicate those scores whose range falls between the 25% and 75% range. The center line is drawn at the sample median and a "+" is placed at the mean. The "*" indicates values which exceed three interquartile ranges either above or below the mean. (These are scores which are three times greater, or less, than that range given by the 25% to 75% scale.)

The third graph usually found on page three is a Normal Probability Plot. On this graph the various "+" marks approximate a straight line which represents a "normal " distribution of the values reported for that variable. If all the data particular sample were to have a normal distribution all values would fall along the straight line indicated by the "+."

The final part of this report, page four, includes a frequency table for the values associated with that variable. In many instances there will be a discrete value associated with each respondant to a particular variable. This often results in a multi-page distribution . This table is useful for studying the total picture of the range of the values reported for each variable.

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Size The enrollment of the district
(1=0-99, 2=100-199, 3=200-399, 4=400-599, 5=600-799, 6=>800)

MOMENTS

N	472	SUM WGTS	472
MEAN	3.95339	SUM	1866
STD DEV	1.53444	VARIANCE	2.35451
SKEWNESS	-0.137439	KURTOSIS	-1.0611
USS	8486	CSS	1108.97
CV	38.8133	STD MEAN	0.0706284
T:MEAN=0	55.9745	PROB>|T|	0.0001
SGN RANK	55814	PROB>|S|	0.0001
NUM ^= 0	472		
D:NORMAL	0.152299	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	6	99%	6	LOWEST	HIGHEST
75% Q3	5	95%	6	1	6
50% MED	4	90%	6	1	6
25% Q1	3	10%	2	1	6
0% MIN	1	5%	1	1	6
		1%	1	1	6
RANGE	5				
Q3-Q1	2				
MODE	3				

MISSING VALUE	.
COUNT	11
% COUNT/NOBS	2.28

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Size The enrollment of the district

* MAY REPRESENT UP TO 3 COUNTS

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

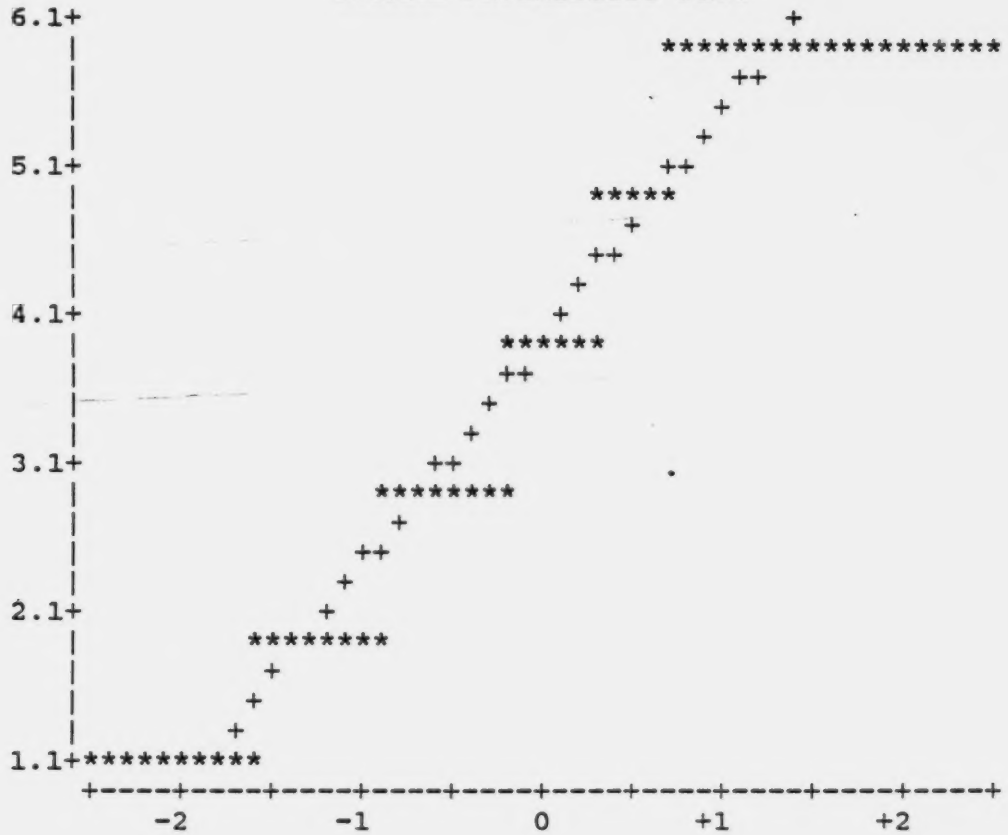
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Size The enrollment of the district

NORMAL PROBABILITY PLOT



FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
1	27	5.7	5.7	4	91	19.3	61.2
2	62	13.1	18.9	5	74	15.7	76.9
3	109	23.1	41.9	6	109	23.1	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

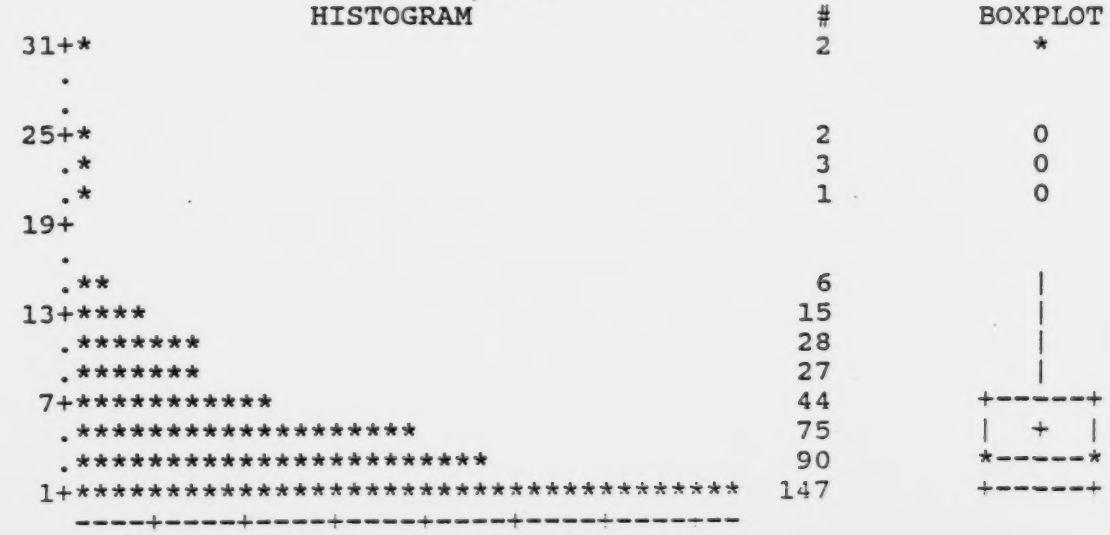
VARIABLE=Percentage of Budget for Capital Outlay

MOMENTS

N	440	SUM WGTS	440
MEAN	4.43184	SUM	1950.01
STD DEV	4.59549	VARIANCE	21.1185
SKEWNESS	1.93608	KURTOSIS	6.00397
USS	17913.2	CSS	9271.04
CV	103.693	STD MEAN	0.219081
T:MEAN=0	20.2292	PROB>|T|	0.0001
SGN RANK	36576.5	PROB>|S|	0.0001
NUM ^= 0	382		
D:NORMAL	0.167426	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	30	99%	23.18	LOWEST	HIGHEST
75% Q3	7	95%	12	0	22
50% MED	3	90%	10	0	24
25% Q1	1	10%	0	0	25
0% MIN	0	5%	0	0	30
		1%	0	0	30
RANGE	30				
Q3-Q1	6				
MODE	0				

MISSING VALUE	.
COUNT	43
% COUNT/NOBS	8.90



THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

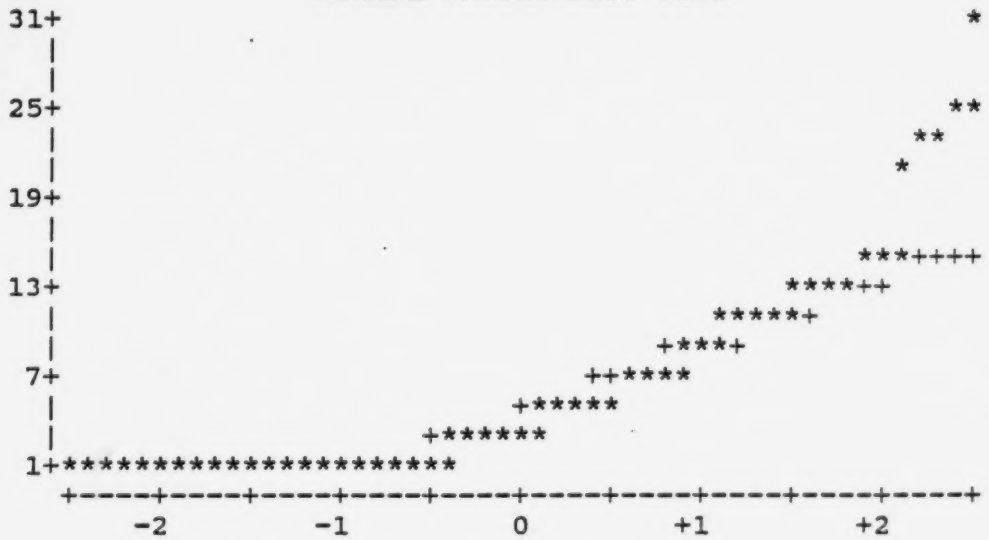
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage of Budget for Capital Outlay

NORMAL PROBABILITY PLOT



THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage of Budget for Capital Outlay

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0	58	13.2	13.2	4.6	1	0.2	59.5
0.01	2	0.5	13.6	4.8	7	1.6	61.1
0.02	1	0.2	13.9	5	37	8.4	69.5
0.05	4	0.9	14.8	5.4	1	0.2	69.8
0.06	11	2.5	17.3	5.5	2	0.5	70.2
0.12	3	0.7	18.0	5.6	1	0.2	70.5
0.35	1	0.2	18.2	5.7	1	0.2	70.7
0.4	1	0.2	18.4	5.9	1	0.2	70.9
0.5	10	2.3	20.7	6	9	2.0	73.0
0.9	1	0.2	20.9	6.3	3	0.7	73.6
1	33	7.5	28.4	6.5	1	0.2	73.9
1.1	8	1.8	30.2	6.7	1	0.2	74.1
1.2	1	0.2	30.5	6.9	1	0.2	74.3
1.4	2	0.5	30.9	7	21	4.8	79.1
1.5	4	0.9	31.8	7.4	2	0.5	79.5
1.6	1	0.2	32.0	7.6	2	0.5	80.0
1.7	3	0.7	32.7	7.8	4	0.9	80.9
1.9	3	0.7	33.4	8	3	0.7	81.6
2	37	8.4	41.8	8.1	2	0.5	82.0
2.1	3	0.7	42.5	8.3	2	0.5	82.5
2.2	1	0.2	42.7	8.5	3	0.7	83.2
2.3	2	0.5	43.2	9	13	3.0	86.1
2.5	4	0.9	44.1	9.4	2	0.5	86.6
2.7	5	1.1	45.2	9.5	2	0.5	87.0
2.9	3	0.7	45.9	10	27	6.1	93.2
3	21	4.8	50.7	11	1	0.2	93.4
3.4	4	0.9	51.6	12	9	2.0	95.5
3.5	9	2.0	53.6	13	6	1.4	96.8
3.6	1	0.2	53.9	15	6	1.4	98.2
4	11	2.5	56.4	20	1	0.2	98.4
4.2	6	1.4	57.7	22	3	0.7	99.1
4.3	4	0.9	58.6	24	1	0.2	99.3
4.4	1	0.2	58.9	25	1	0.2	99.5
4.5	2	0.5	59.3	30	2	0.5	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage of Budget for MAintenance

MOMENTS

N	444	SUM WGTS	444
MEAN	5.30403	SUM	2354.99
STD DEV	5.70284	VARIANCE	32.5224
SKEWNESS	2.00765	KURTOSIS	4.35812
USS	26898.4	CSS	14407.4
CV	107.519	STD MEAN	0.270645
T:MEAN=0	19.5978	PROB>|T|	0.0001
SGN RANK	48290	PROB>|S|	0.0001
NUM ^= 0	439		
D:NORMAL	0.208196	PROB>D	<.01

QUANTILES(DEF=4)

100% MAX	30	99%	28.2
75% Q3	8	95%	20
50% MED	3	90%	11
25% Q1	1.5	10%	1
0% MIN	0	5%	0.09
		1%	0
RANGE	30		
Q3-Q1	6.5		
MODE	2		

EXTREMES

LOWEST	HIGHEST
0	26
0	30
0	30
0	30
0	30

MISSING VALUE	.
COUNT	39
% COUNT/NOBS	8.07

HISTOGRAM

```
     31+**                                    4        *
       .                                      
       .*                                     2        0
     25+                                      
       .*****                                 15       0
       .**                                    5        0
     19+                                      
       .*                                     3        |
       .*                                     1        |
     13+**                                    4        |
       .***************                       44       |
       .*************                         37      +-----+
      7+********                              22      |     |
       .**********************                66      |  +  |
       .****************************************    118     *-----*
      1+****************************************    123     +-----+
        ----+----+----+----+----+----+----+----+-
```

* MAY REPRESENT UP TO 3 COUNTS

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

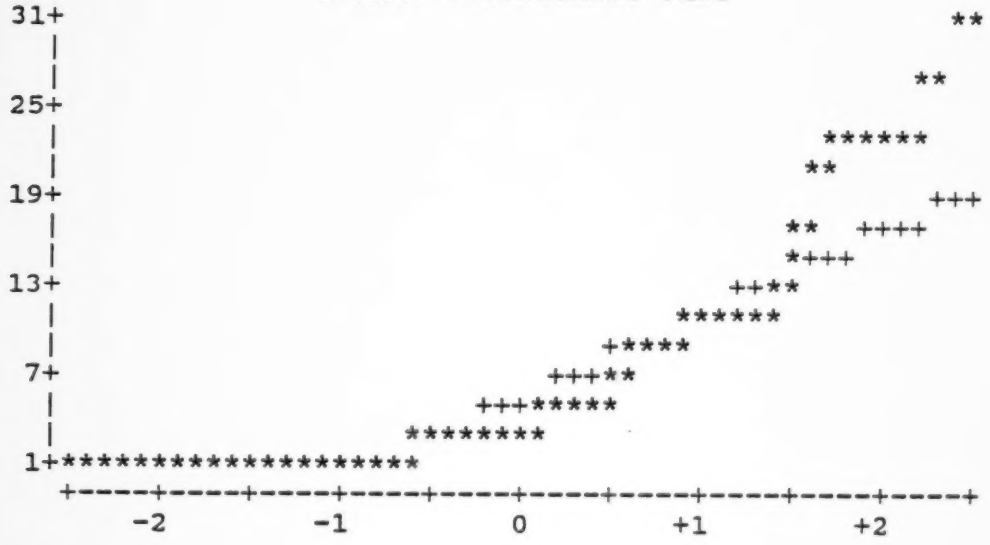
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage of Budget for MAintenance

NORMAL PROBABILITY PLOT



THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage of Budget for MAintenance

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0	5	1.1	1.1	4	31	7.0	61.3
0.01	5	1.1	2.3	4.2	1	0.2	61.5
0.02	3	0.7	2.9	4.4	5	1.1	62.6
0.03	2	0.5	3.4	4.7	3	0.7	63.3
0.07	2	0.5	3.8	4.9	1	0.2	63.5
0.08	5	1.1	5.0	5	23	5.2	68.7
0.12	1	0.2	5.2	5.1	1	0.2	68.9
0.2	3	0.7	5.9	5.5	1	0.2	69.1
0.4	2	0.5	6.3	6	2	0.5	69.6
0.5	1	0.2	6.5	6.1	3	0.7	70.3
0.63	2	0.5	7.0	7	11	2.5	72.7
0.9	4	0.9	7.9	7.1	2	0.5	73.2
1	39	8.8	16.7	7.5	1	0.2	73.4
1.1	2	0.5	17.1	7.6	1	0.2	73.6
1.2	15	3.4	20.5	7.7	1	0.2	73.9
1.3	7	1.6	22.1	7.8	1	0.2	74.1
1.4	3	0.7	22.7	8	6	1.4	75.5
1.5	12	2.7	25.5	8.4	2	0.5	75.9
1.7	3	0.7	26.1	8.5	1	0.2	76.1
1.8	2	0.5	26.6	9	26	5.9	82.0
1.9	5	1.1	27.7	9.4	2	0.5	82.4
2	61	13.7	41.4	10	17	3.8	86.3
2.1	2	0.5	41.9	11	27	6.1	92.3
2.2	1	0.2	42.1	12	2	0.5	92.8
2.3	2	0.5	42.6	13	2	0.5	93.2
2.5	2	0.5	43.0	14	1	0.2	93.5
2.6	1	0.2	43.2	16	3	0.7	94.1
2.7	9	2.0	45.3	20	5	1.1	95.3
2.8	13	2.9	48.2	22	15	3.4	98.6
3	23	5.2	53.4	26	2	0.5	99.1
3.3	1	0.2	53.6	30	4	0.9	100.0
3.7	3	0.7	54.3				

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage of Budget for Debt Service

MOMENTS

N	418	SUM WGTS	418
MEAN	3.47928	SUM	1454.34
STD DEV	4.43293	VARIANCE	19.6509
SKEWNESS	1.66632	KURTOSIS	3.89166
USS	13254.5	CSS	8194.41
CV	127.409	STD MEAN	0.216822
T:MEAN=0	16.0467	PROB>|T|	0.0001
SGN RANK	16965	PROB>|S|	0.0001
NUM ^= 0	260		
D:NORMAL	0.216264	PROB>D	<.01

QUANTILES(DEF=4)

100% MAX	30	99%	17.81
75% Q3	5.05	95%	12
50% MED	1.7	90%	10
25% Q1	0	10%	0
0% MIN	0	5%	0
		1%	0
RANGE	30		
Q3-Q1	5.05		
MODE	0		

EXTREMES

LOWEST	HIGHEST
0	17
0	18
0	18
0	23
0	30

MISSING VALUE .
COUNT 65
% COUNT/NOBS 13.46

HISTOGRAM

```
                                                    #
      31+*                                          1
        .
        .
      25+
        .*                                          1
        .
      19+*                                          2
        .*                                          4
        .*                                          4
      13+***                                       12
        .******                                    29
        .*****                                     22
       7+*****                                     23
        .************                              59
        .**********                                50
       1+****************************************  211
         ----+----+----+----+----+----+----+----+----
         * MAY REPRESENT UP TO 5 COUNTS
```

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

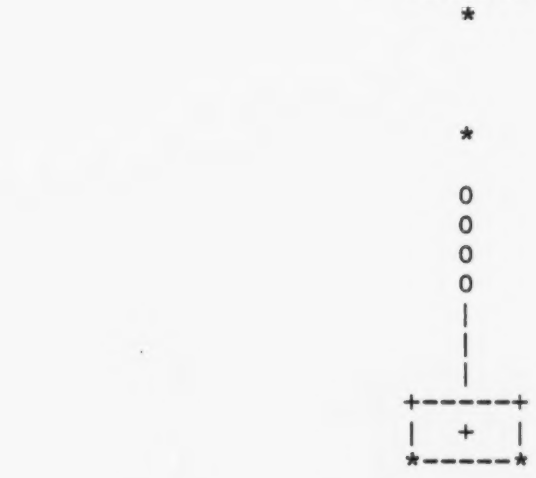
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

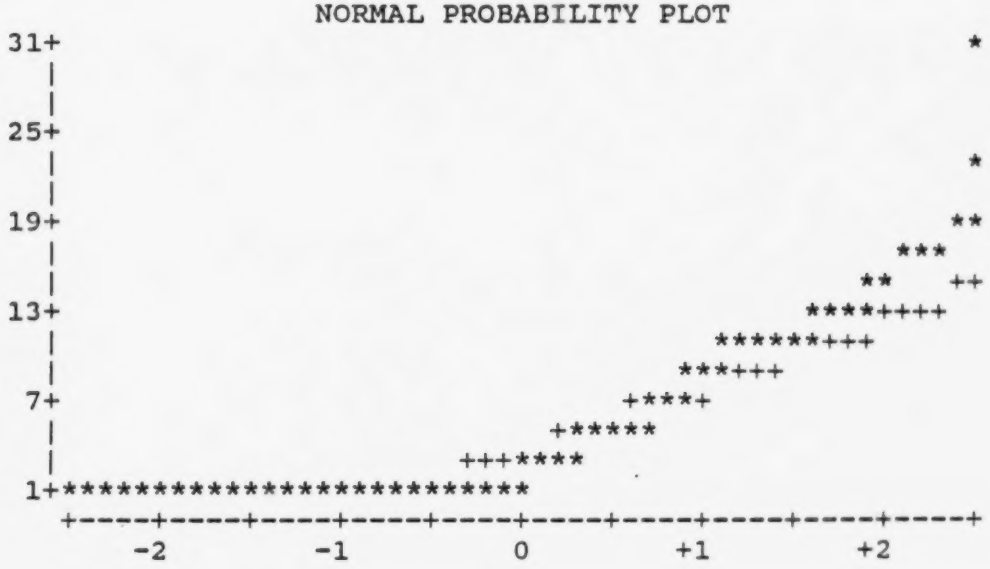
UNIVARIATE

VARIABLE=Percentage of Budget for Debt Service

BOXPLOT



NORMAL PROBABILITY PLOT



THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage of Budget for Debt Service

FREQUENCY TABLE

		PERCENTS				PERCENTS	
VALUE	COUNT	CELL	CUM	VALUE	COUNT	CELL	CUM
0	158	37.8	37.8	4.7	3	0.7	66.7
0.01	3	0.7	38.5	4.9	3	0.7	67.5
0.03	6	1.4	40.0	5	32	7.7	75.1
0.05	1	0.2	40.2	5.2	1	0.2	75.4
0.5	6	1.4	41.6	5.3	2	0.5	75.8
0.53	4	1.0	42.6	5.6	1	0.2	76.1
0.57	1	0.2	42.8	5.7	2	0.5	76.6
0.58	2	0.5	43.3	6	6	1.4	78.0
0.7	2	0.5	43.8	6.2	7	1.7	79.7
0.83	11	2.6	46.4	6.3	1	0.2	79.9
0.85	2	0.5	46.9	6.5	2	0.5	80.4
1	6	1.4	48.3	7	5	1.2	81.6
1.2	3	0.7	49.0	7.2	2	0.5	82.1
1.4	1	0.2	49.3	8	8	1.9	84.0
1.5	2	0.5	49.8	8.1	1	0.2	84.2
1.6	1	0.2	50.0	8.4	3	0.7	84.9
1.8	1	0.2	50.2	8.7	1	0.2	85.2
1.9	1	0.2	50.5	8.8	1	0.2	85.4
2	11	2.6	53.1	9	4	1.0	86.4
2.4	3	0.7	53.8	9.5	3	0.7	87.1
2.5	1	0.2	54.1	9.6	1	0.2	87.3
2.7	3	0.7	54.8	10	29	6.9	94.3
2.9	2	0.5	55.3	12	6	1.4	95.7
3	17	4.1	59.3	13	6	1.4	97.1
3.2	4	1.0	60.3	14	1	0.2	97.4
3.3	2	0.5	60.8	15	3	0.7	98.1
3.5	3	0.7	61.5	16	1	0.2	98.3
3.6	2	0.5	62.0	17	3	0.7	99.0
3.7	2	0.5	62.4	18	2	0.5	99.5
4	13	3.1	65.6	23	1	0.2	99.8
4.5	2	0.5	66.0	30	1	0.2	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of State Allowed Debt Limit

MOMENTS

N	220	SUM WGTS	220
MEAN	53.1436	SUM	11691.6
STD DEV	44.5948	VARIANCE	1988.69
SKEWNESS	-0.0759325	KURTOSIS	-1.8871
USS	1056858	CSS	435524
CV	83.9137	STD MEAN	3.00658
T:MEAN=0	17.6758	PROB>|T|	0.0001
SGN RANK	9555	PROB>|S|	0.0001
NUM ^= 0	195		
D:NORMAL	0.243861	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	100	99%	100	LOWEST	HIGHEST
75% Q3	100	95%	100	0	100
50% MED	58	90%	100	0	100
25% Q1	2	10%	0	0	100
0% MIN	0	5%	0	0	100
		1%	0	0	100
RANGE	100				
Q3-Q1	98				
MODE	100				

MISSING VALUE	.
COUNT	263
% COUNT/NOBS	54.45

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

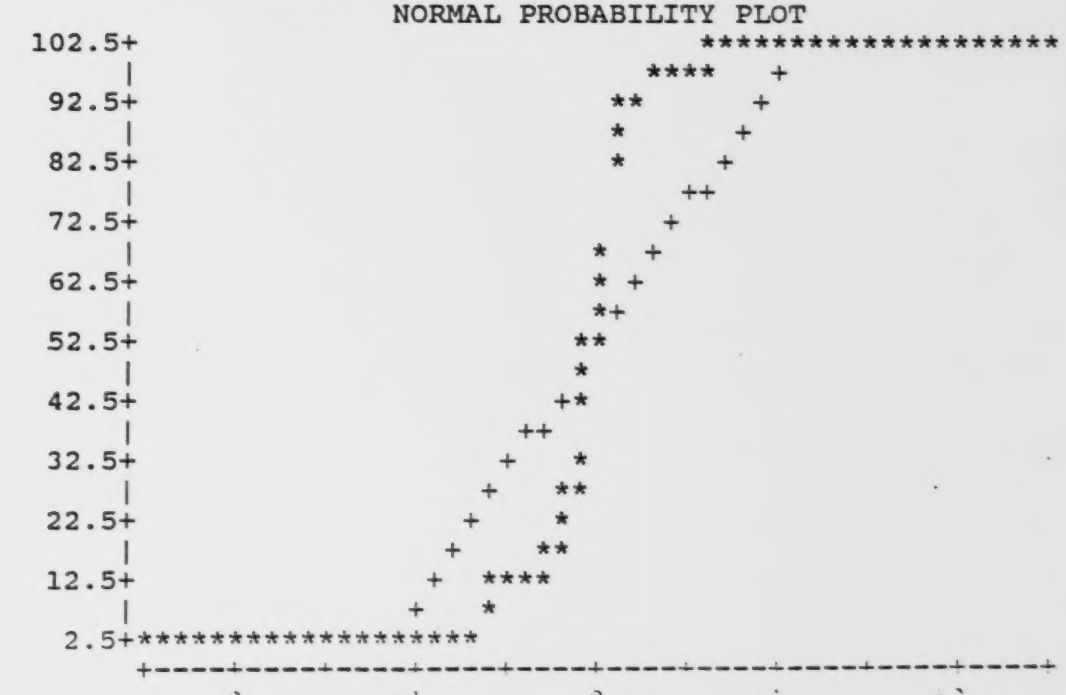
THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of State Allowed Debt Limit

```
                HISTOGRAM                    #          BOXPLOT
102.5+**********************************   61          +------+
     .***************                      27          |      |
 92.5+*****                                10          |      |
     .***                                   5          |      |
 82.5+**                                    3          |      |
     .                                                 |      |
 72.5+                                                 |      |
     .*                                     2          |      |
 62.5+*                                     2          |      |
     .*                                     2          *------*
 52.5+**                                    4          |  +   |
     .*                                     1          |      |
 42.5+*                                     1          |      |
     .                                                 |      |
 32.5+*                                     2          |      |
     .****                                  8          |      |
 22.5+**                                    3          |      |
     .*                                     2          |      |
 12.5+**************                       25          |      |
     .***                                   5          |      |
  2.5+******************************       57          +------+
     ----+----+----+----+----+----+-
     * MAY REPRESENT UP TO 2 COUNTS
```

NORMAL PROBABILITY PLOT



THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of State Allowed Debt Limit

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0	25	11.4	11.4	50	3	1.4	48.6
0.5	1	0.5	11.8	51	1	0.5	49.1
0.6	1	0.5	12.3	56	2	0.9	50.0
1	3	1.4	13.6	60	2	0.9	50.9
1.7	17	7.7	21.4	65	2	0.9	51.8
2	10	4.5	25.9	82	3	1.4	53.2
5	4	1.8	27.7	85	2	0.9	54.1
6.6	1	0.5	28.2	87	1	0.5	54.5
10	3	1.4	29.5	89	2	0.9	55.5
11	21	9.5	39.1	90	4	1.8	57.3
12	1	0.5	39.5	93	4	1.8	59.1
15	1	0.5	40.0	94	2	0.9	60.0
18	1	0.5	40.5	95	4	1.8	61.8
20	3	1.4	41.8	96	2	0.9	62.7
25	6	2.7	44.5	97	4	1.8	64.5
28	2	0.9	45.5	98	12	5.5	70.0
30	2	0.9	46.4	99	5	2.3	72.3
40	1	0.5	46.8	100	61	27.7	100.0
45	1	0.5	47.3				

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Bonds for Capital Outlay

MOMENTS

N	322	SUM WGTS	322
MEAN	47.5396	SUM	15307.8
STD DEV	41.9393	VARIANCE	1758.9
SKEWNESS	0.0226517	KURTOSIS	-1.7591
USS	1292332	CSS	564608
CV	88.2197	STD MEAN	2.33718
T:MEAN=0	20.3405	PROB>|T|	0.0001
SGN RANK	12712.5	PROB>|S|	0.0001
NUM ^= 0	225		
D:NORMAL	0.196619	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	100	99%	100	LOWEST	HIGHEST
75% Q3	90	95%	100	0	100
50% MED	46	90%	100	0	100
25% Q1	0	10%	0	0	100
0% MIN	0	5%	0	0	100
		1%	0	0	100
RANGE	100				
Q3-Q1	90				
MODE	0				

MISSING VALUE	.
COUNT	161
% COUNT/NOBS	33.33

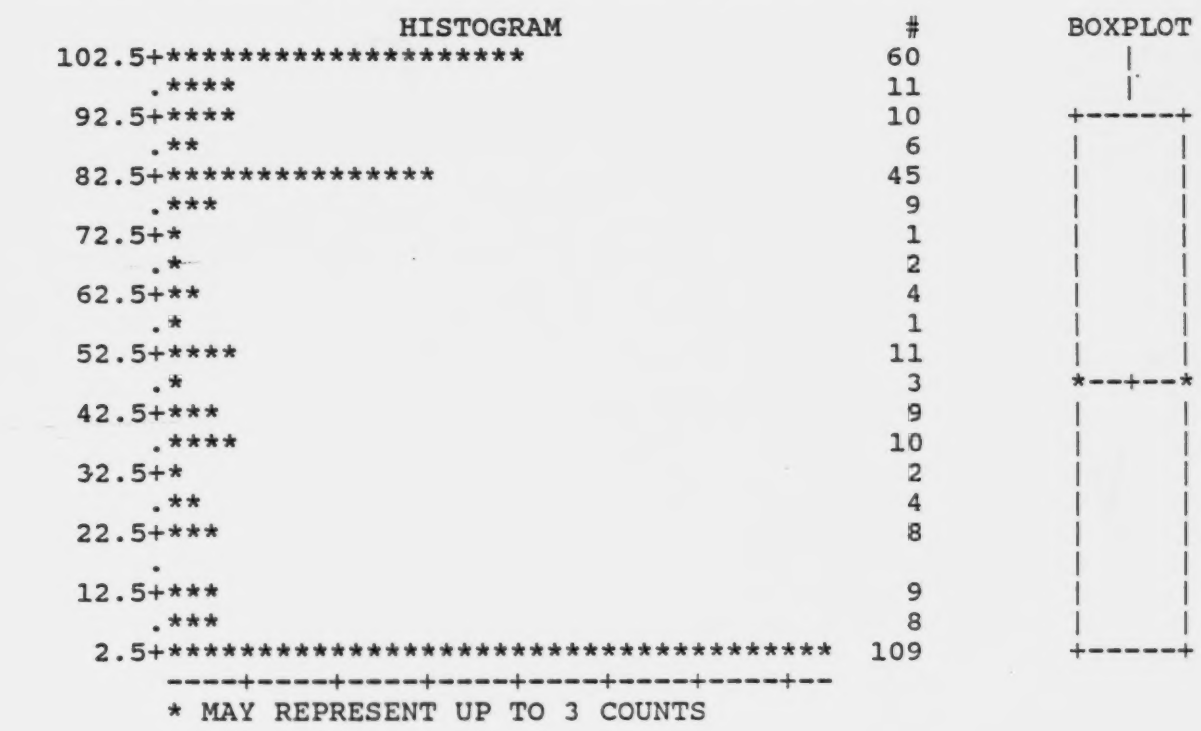
THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

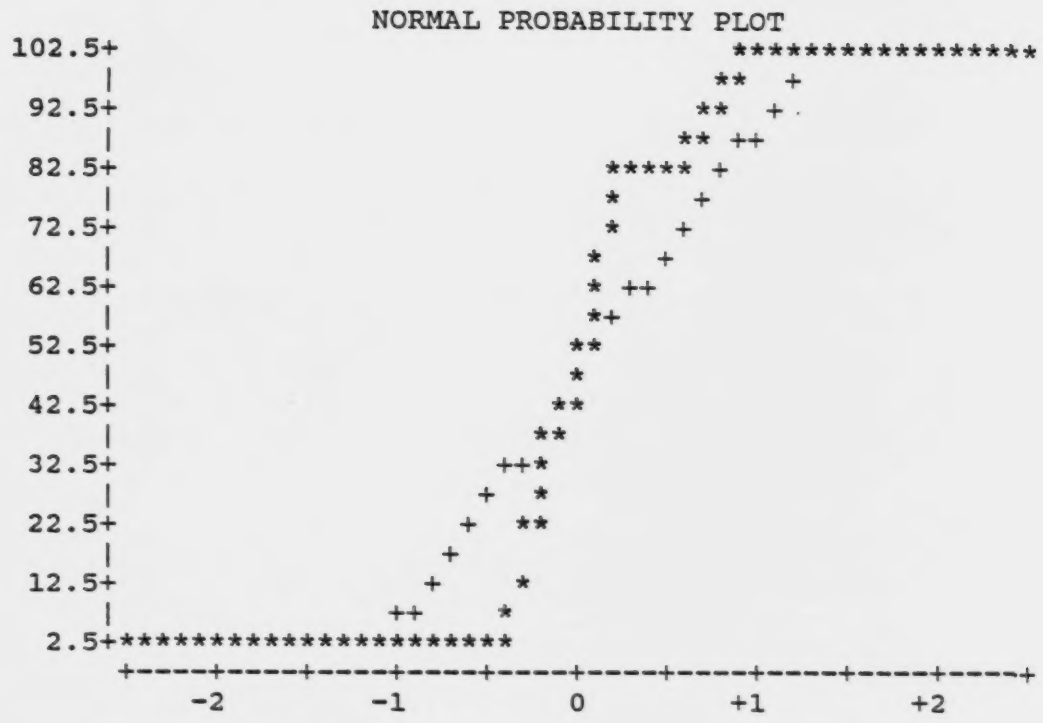
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Bonds for Capital Outlay




NORMAL PROBABILITY PLOT
102.5+
92.5+
82.5+
72.5+
62.5+
52.5+
42.5+
32.5+
22.5+
12.5+
2.5+
-2
-1
0
+1
+2

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Bonds for Capital Outlay

FREQUENCY TABLE

		PERCENTS				PERCENTS	
VALUE	COUNT	CELL	CUM	VALUE	COUNT	CELL	CUM
0	97	30.1	30.1	42	4	1.2	49.4
0.05	1	0.3	30.4	46	3	0.9	50.3
0.1	3	0.9	31.4	50	11	3.4	53.7
1	1	0.3	31.7	56	1	0.3	54.0
1.6	1	0.3	32.0	60	4	1.2	55.3
3	6	1.9	33.9	65	1	0.3	55.6
5	3	0.9	34.8	66	1	0.3	55.9
6.2	2	0.6	35.4	70	1	0.3	56.2
7.4	1	0.3	35.7	75	2	0.6	56.8
8	2	0.6	36.3	76	6	1.9	58.7
10	6	1.9	38.2	79	1	0.3	59.0
12	1	0.3	38.5	80	7	2.2	61.2
14	2	0.6	39.1	83	21	6.5	67.7
20	8	2.5	41.6	84	17	5.3	73.0
25	2	0.6	42.2	85	6	1.9	74.8
28	2	0.6	42.9	90	8	2.5	77.3
33	2	0.6	43.5	94	2	0.6	78.0
35	7	2.2	45.7	95	6	1.9	79.8
36	2	0.6	46.3	98	2	0.6	80.4
37	1	0.3	46.6	99	3	0.9	81.4
40	5	1.6	48.1	100	60	18.6	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

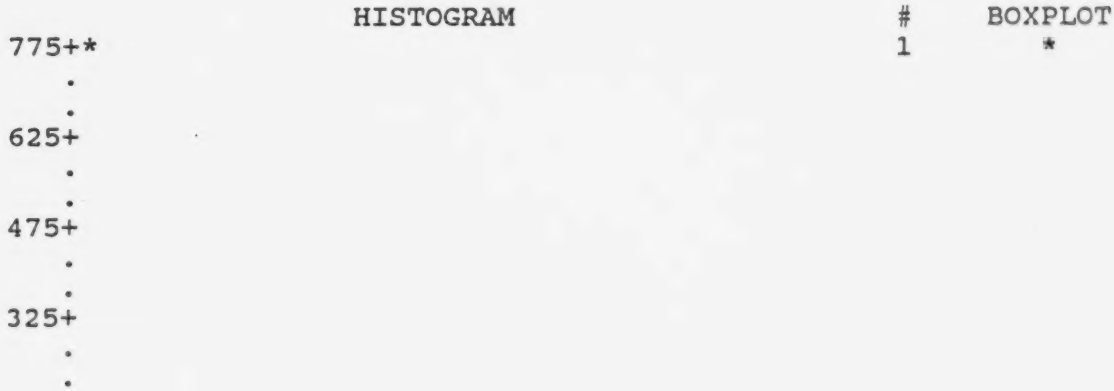
VARIABLE=Percentage Use of Budget Transfers for Capital Outlay

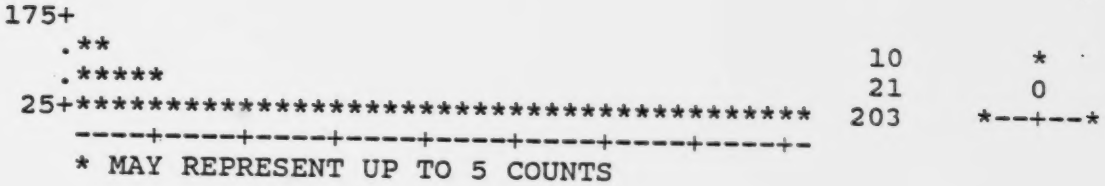
MOMENTS

N	235	SUM WGTS	235
MEAN	20.1004	SUM	4723.6
STD DEV	55.7406	VARIANCE	3107.01
SKEWNESS	9.9007	KURTOSIS	126.214
USS	821988	CSS	727041
CV	277.311	STD MEAN	3.63612
T:MEAN=0	5.52799	PROB>|T|	0.0001
SGN RANK	5967.5	PROB>|S|	0.0001
NUM ^= 0	154		
D:NORMAL	0.359197	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	750	99%	100	LOWEST	HIGHEST
75% Q3	20	95%	99.2	0	100
50% MED	2	90%	70	0	100
25% Q1	0	10%	0	0	100
0% MIN	0	5%	0	0	100
		1%	0	0	750
RANGE	750				
Q3-Q1	20				
MODE	0				

MISSING VALUE	.
COUNT	248
% COUNT/NOBS	51.35





Fig

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

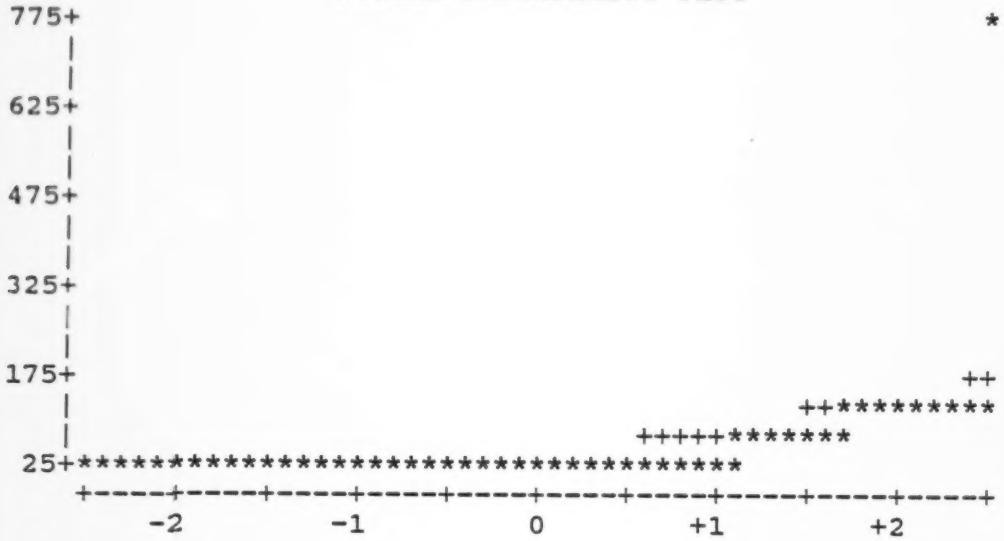
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Budget Transfers for Capital Outlay

NORMAL PROBABILITY PLOT



FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0	81	34.5	34.5	30	3	1.3	83.4
0.5	2	0.9	35.3	33	2	0.9	84.3
1	9	3.8	39.1	35	1	0.4	84.7
1.3	1	0.4	39.6	40	3	1.3	86.0
1.6	1	0.4	40.0	45	1	0.4	86.4
1.7	1	0.4	40.4	50	1	0.4	86.8
2	27	11.5	51.9	53	1	0.4	87.2
3	3	1.3	53.2	58	1	0.4	87.7
5	14	6.0	59.1	60	2	0.9	88.5
6	3	1.3	60.4	70	5	2.1	90.6
7	3	1.3	61.7	72	1	0.4	91.1
10	12	5.1	66.8	80	1	0.4	91.5
12	6	2.6	69.4	90	3	1.3	92.8
15	3	1.3	70.6	94	1	0.4	93.2
20	21	8.9	79.6	95	4	1.7	94.9
21	1	0.4	80.0	99	1	0.4	95.3
25	4	1.7	81.7	100	10	4.3	99.6
27	1	0.4	82.1	750	1	0.4	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

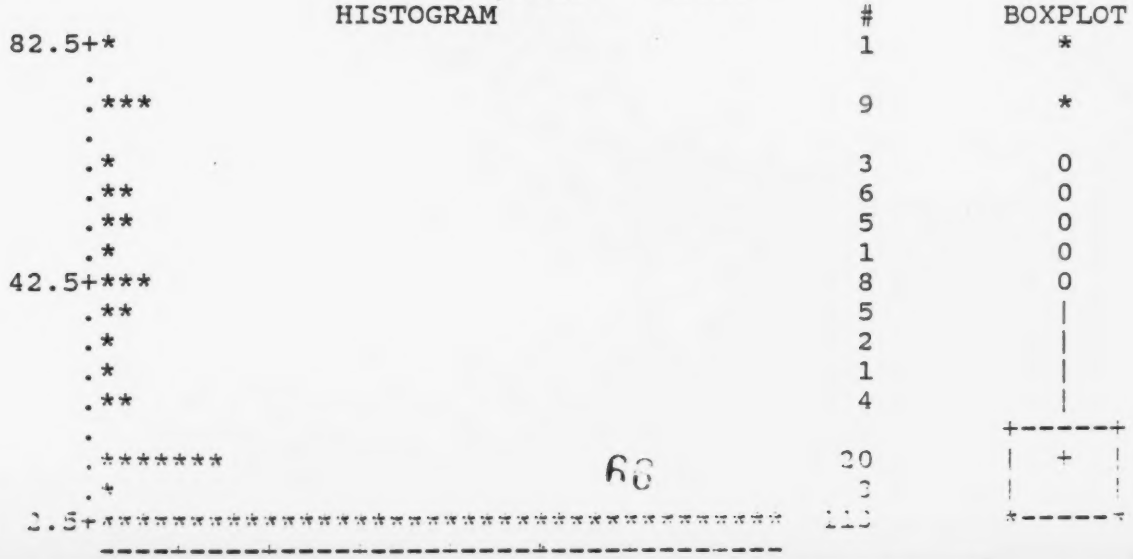
VARIABLE=Percentge Use of Equalized Funds for Capital Outlay

MOMENTS

N	181	SUM WGTS	181
MEAN	13.9171	SUM	2519
STD DEV	22.4264	VARIANCE	502.943
SKEWNESS	1.46107	KURTOSIS	0.740761
USS	125587	CSS	90529.8
CV	161.142	STD MEAN	1.66694
T:MEAN=0	8.3489	PROB>|T|	0.0001
SGN RANK	1314	PROB>|S|	0.0001
NUM ^= 0	72		
D:NORMAL	0.33647	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	80	99%	71.8	LOWEST	HIGHEST
75% Q3	17	95%	70	0	70
50% MED	0	90%	59	0	70
25% Q1	0	10%	0	0	70
0% MIN	0	5%	0	0	70
		1%	0	0	80
RANGE	80				
Q3-Q1	17				
MODE	0				

MISSING VALUE .
COUNT 302
% COUNT/NOBS 62.53



THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

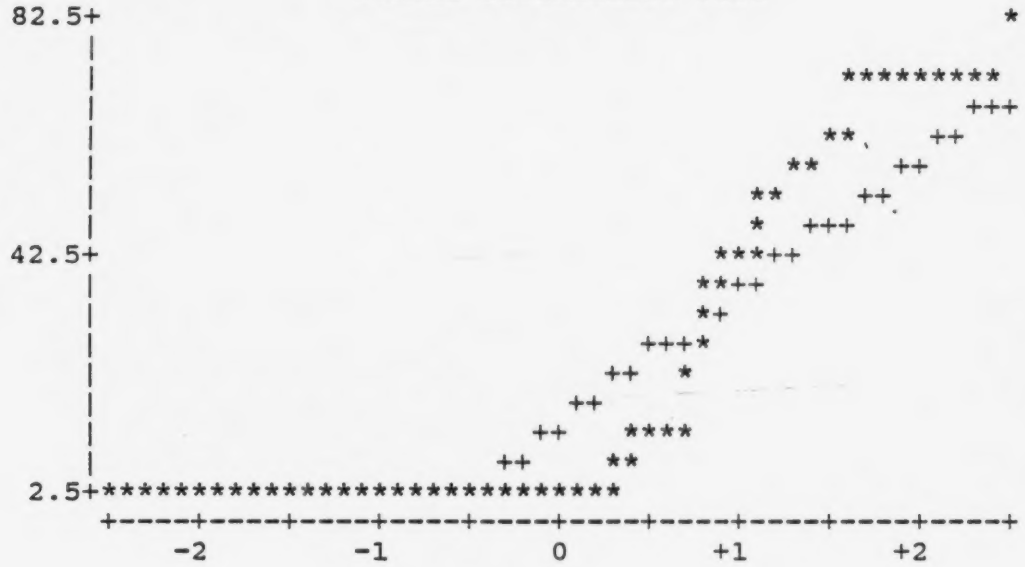
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentge Use of Equalized Funds for Capital Outlay

NORMAL PROBABILITY PLOT



FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0	109	60.2	60.2	35	1	0.6	79.6
1	3	1.7	61.9	39	4	2.2	81.8
4	1	0.6	62.4	40	7	3.9	85.6
5	3	1.7	64.1	44	1	0.6	86.2
10	3	1.7	65.7	45	1	0.6	86.7
14	17	9.4	75.1	50	5	2.8	89.5
20	3	1.7	76.8	59	6	3.3	92.8
23	1	0.6	77.3	60	2	1.1	93.9
26	1	0.6	77.9	62	1	0.6	94.5
30	1	0.6	78.5	70	9	5.0	99.4
34	1	0.6	79.0	80	1	0.6	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Interest for Capital Outlay

MOMENTS

N	184	SUM WGTS	184
MEAN	4.93696	SUM	908.4
STD DEV	12.1289	VARIANCE	147.11
SKEWNESS	4.8255	KURTOSIS	27.8196
USS	31405.9	CSS	26921.1
CV	245.676	STD MEAN	0.894154
T:MEAN=0	5.52137	PROB>|T|	0.0001
SGN RANK	1785	PROB>|S|	0.0001
NUM ^= 0	84		
D:NORMAL	0.341989	PROB>D	<.01

QUANTILES(DEF=4)

100% MAX	90	99%	81.5
75% Q3	5	95%	24.5
50% MED	0	90%	10
25% Q1	0	10%	0
0% MIN	0	5%	0
		1%	0
RANGE	90		
Q3-Q1	5		
MODE	0		

EXTREMES

LOWEST	HIGHEST
0	30
0	30
0	80
0	80
0	90

MISSING VALUE .
COUNT 299
% COUNT/NOBS 61.90

HISTOGRAM #

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92.5+*                                  1
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47.5+
    .
    .
    .**                                 4
    .*                                  2
    .**                                 6
    .
    .*******                           21
    .****                              12
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THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

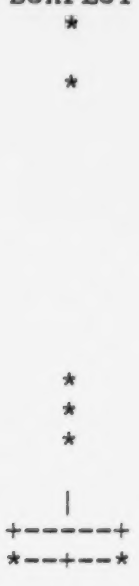
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

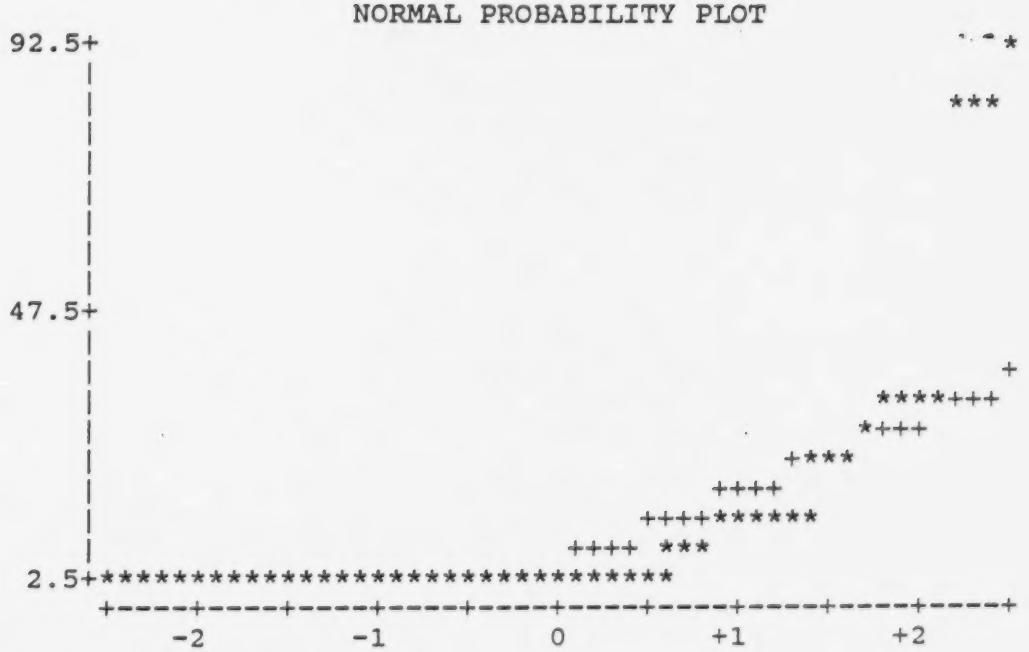
UNIVARIATE

VARIABLE=Percentage Use of Interest for Capital Outlay

BOXPLOT



NORMAL PROBABILITY PLOT



THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Interest for Capital Outlay

FREQUENCY TABLE

		PERCENTS				PERCENTS	
VALUE	COUNT	CELL	CUM	VALUE	COUNT	CELL	CUM
0	100	54.3	54.3	8	1	0.5	79.3
0.2	1	0.5	54.9	9	2	1.1	80.4
0.5	2	1.1	56.0	10	20	10.9	91.3
1	11	6.0	62.0	11	1	0.5	91.8
2	12	6.5	68.5	21	4	2.2	94.0
2.2	1	0.5	69.0	23	2	1.1	95.1
3	7	3.8	72.8	25	2	1.1	96.2
4.5	2	1.1	73.9	30	4	2.2	98.4
5	4	2.2	76.1	80	2	1.1	99.5
6	2	1.1	77.2	90	1	0.5	100.0
7	3	1.6	78.8				

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Matching Funds for Caapital Outlay

MOMENTS

N	172	SUM WGTS	172
MEAN	9.40826	SUM	1618.22
STD DEV	20.2312	VARIANCE	409.299
SKEWNESS	2.42108	KURTOSIS	5.53321
USS	85214.8	CSS	69990.2
CV	215.036	STD MEAN	1.54261
T:MEAN=0	6.09892	PROB>|T|	0.0001
SGN RANK	540.5	PROB>|S|	0.0001
NUM ^= 0	46		
D:NORMAL	0.417066	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	100	99%	99.27	LOWEST	HIGHEST
75% Q3	6.65	95%	60	0	60
50% MED	0	90%	38	0	64
25% Q1	0	10%	0	0	80
0% MIN	0	5%	0	0	99
		1%	0	0	100
RANGE	100				
Q3-Q1	6.65				
MODE	0				

MISSING VALUE	.
COUNT	311
% COUNT/NOBS	64.39

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Matching Funds for Caapital Outlay

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                    HISTOGRAM                              #
102.5+*                                                    1
     .*                                                    1
 92.5+
     .
 82.5+*                                                    1
     .
 72.5+
     .
 62.5+****                                                 10
     .
 52.5+*                                                    3
     .
 42.5+
     .**                                                   5
 32.5+*                                                    2
     .
 22.5+****                                                12
     .
 12.5+***                                                  7
     .*                                                    2
  2.5+*************************************************  128
     ----+----+----+----+----+----+----+----+----+---
     * MAY REPRESENT UP TO 3 COUNTS
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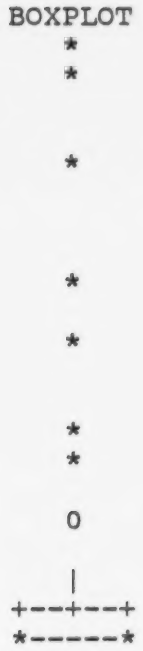
BOXPLOT
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THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

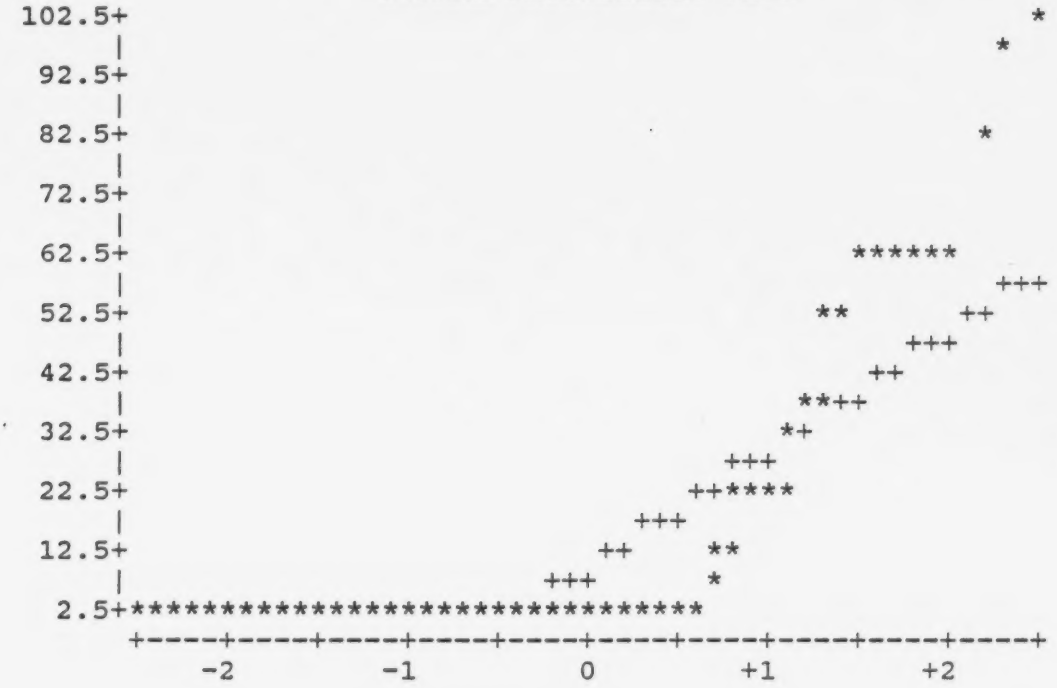
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Matching Funds for Caapital Outlay

NORMAL PROBABILITY PLOT



FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0	126	73.3	73.3	22	1	0.6	86.6
0.02	1	0.6	73.8	30	2	1.2	87.8
1	1	0.6	74.4	38	5	2.9	90.7
5	1	0.6	75.0	50	3	1.7	92.4
7.2	1	0.6	75.6	60	9	5.2	97.7
10	5	2.9	78.5	64	1	0.6	98.3
11	1	0.6	79.1	80	1	0.6	98.8
13	1	0.6	79.7	99	1	0.6	99.4
20	5	2.9	82.6	100	1	0.6	100.0
21	6	3.5	86.0				

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Local Funds for Capital Outlay

MOMENTS

N	314	SUM WGTS	314
MEAN	45.9293	SUM	14421.8
STD DEV	39.7465	VARIANCE	1579.79
SKEWNESS	0.20948	KURTOSIS	-1.6426
USS	1156857	CSS	494474
CV	86.5385	STD MEAN	2.24303
T:MEAN=0	20.4765	PROB>|T|	0.0001
SGN RANK	16965	PROB>|S|	0.0001
NUM ^= 0	260		
D:NORMAL	0.198332	PROB>D	<.01

	QUANTILES(DEF=4)			EXTREMES	
100% MAX	100	99%	100	LOWEST	HIGHEST
75% Q3	90	95%	100	0	100
50% MED	40	90%	100	0	100
25% Q1	6	10%	0	0	100
0% MIN	0	5%	0	0	100
		1%	0	0	100
RANGE	100				
Q3-Q1	84				
MODE	100				

MISSING VALUE	.
COUNT	169
% COUNT/NOBS	34.99

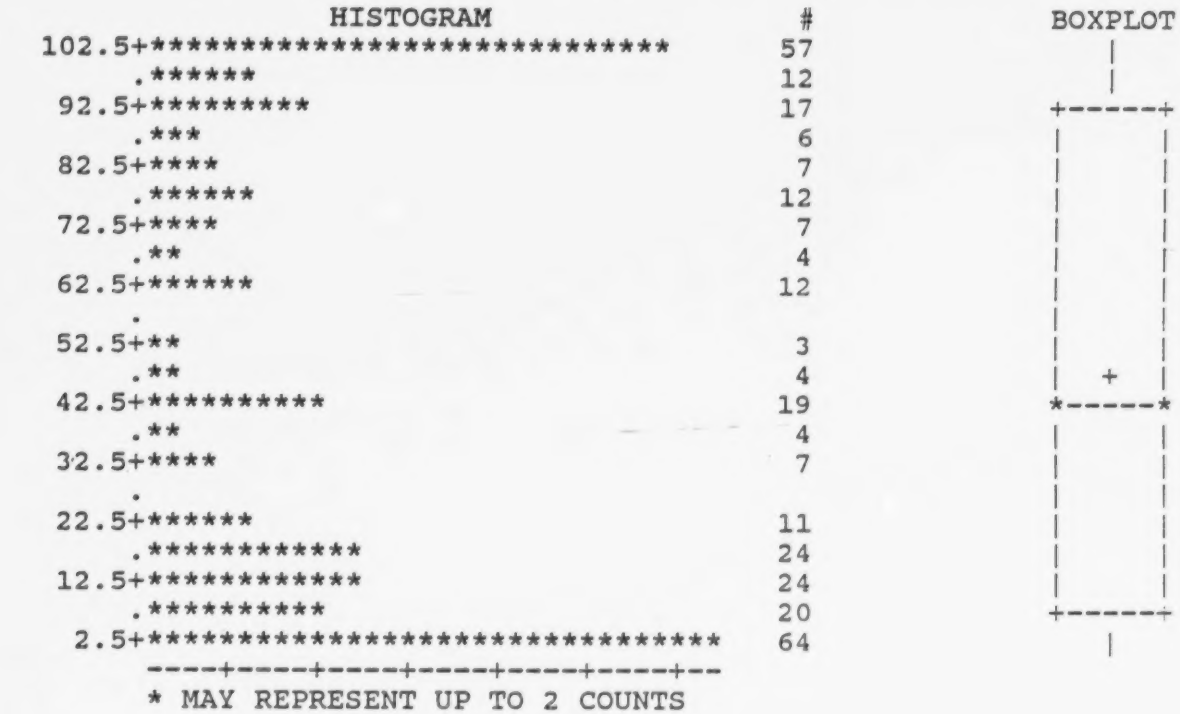
THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

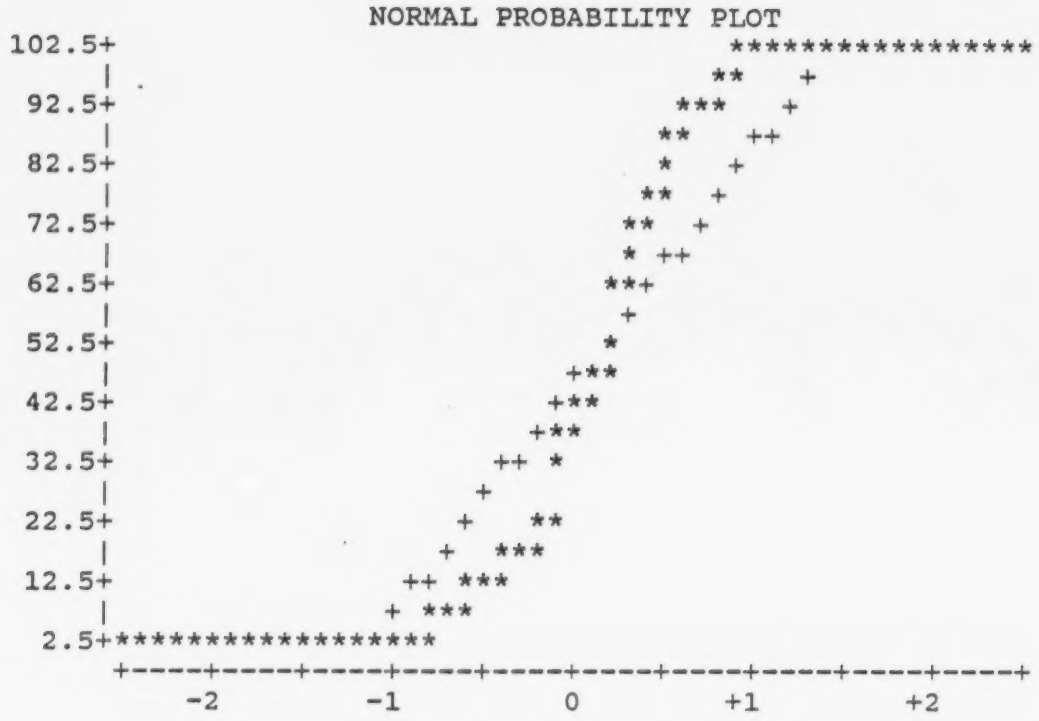
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Local Funds for Capital Outlay




NORMAL PROBABILITY PLOT
102.5+
92.5+
82.5+
72.5+
62.5+
52.5+
42.5+
32.5+
22.5+
12.5+
2.5+
-2
-1
0
+1
+2

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Local Funds for Capital Outlay

FREQUENCY TABLE

		PERCENTS				PERCENTS	
VALUE	COUNT	CELL	CUM	VALUE	COUNT	CELL	CUM
0	54	17.2	17.2	60	8	2.5	59.9
2	1	0.3	17.5	64	4	1.3	61.1
2.8	1	0.3	17.8	65	1	0.3	61.5
3	7	2.2	20.1	66	1	0.3	61.8
4	1	0.3	20.4	67	2	0.6	62.4
5	11	3.5	23.9	70	2	0.6	63.1
6	8	2.5	26.4	72	2	0.6	63.7
8	1	0.3	26.8	73	3	1.0	64.6
10	21	6.7	33.4	75	5	1.6	66.2
12	1	0.3	33.8	77	3	1.0	67.2
14	2	0.6	34.4	79	4	1.3	68.5
17	22	7.0	41.4	80	7	2.2	70.7
19	2	0.6	42.0	85	4	1.3	72.0
20	11	3.5	45.5	86	1	0.3	72.3
30	4	1.3	46.8	88	1	0.3	72.6
33	1	0.3	47.1	90	14	4.5	77.1
34	2	0.6	47.8	92	1	0.3	77.4
35	1	0.3	48.1	93	1	0.3	77.7
39	3	1.0	49.0	94	1	0.3	78.0
40	12	3.8	52.9	95	6	1.9	79.9
42	1	0.3	53.2	97	2	0.6	80.6
44	6	1.9	55.1	98	1	0.3	80.9
48	4	1.3	56.4	99	3	1.0	81.8
50	3	1.0	57.3	100	57	18.2	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Loans for Capital Outlay

MOMENTS

N	162	SUM WGTS	162
MEAN	5.15864	SUM	835.7
STD DEV	16.4252	VARIANCE	269.788
SKEWNESS	3.9251	KURTOSIS	16.3168
USS	47746.9	CSS	43435.8
CV	318.402	STD MEAN	1.29049
T:MEAN=0	3.99744	PROB>|T|	0.0001
SGN RANK	175.5	PROB>|S|	0.0001
NUM ^= 0	26		
D:NORMAL	0.462772	PROB>D	<.01

QUANTILES(DEF=4)

100% MAX	100	99%	100
75% Q3	0	95%	56.25
50% MED	0	90%	20
25% Q1	0	10%	0
0% MIN	0	5%	0
		1%	0
RANGE	100		
Q3-Q1	0		
MODE	0		

EXTREMES

LOWEST	HIGHEST
0	60
0	60
0	61
0	100
0	100

MISSING VALUE	.
COUNT	321
% COUNT/NOBS	66.46

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Loans for Capital Outlay

HISTOGRAM

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                                                        #
102.5+*                                                 2
     .
 92.5+
     .
 82.5+
     .
 72.5+
     .
 62.5+**                                                6
     .
 52.5+
     .
 42.5+
    .*                                                  1
 32.5+
    .*                                                  3
 22.5+**                                                5
     .
 12.5+*                                                 2
    .**                                                 6
  2.5+************************************************* 137
     ----+----+----+----+----+----+----+----+----+-
     * MAY REPRESENT UP TO 3 COUNTS
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BOXPLOT

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THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

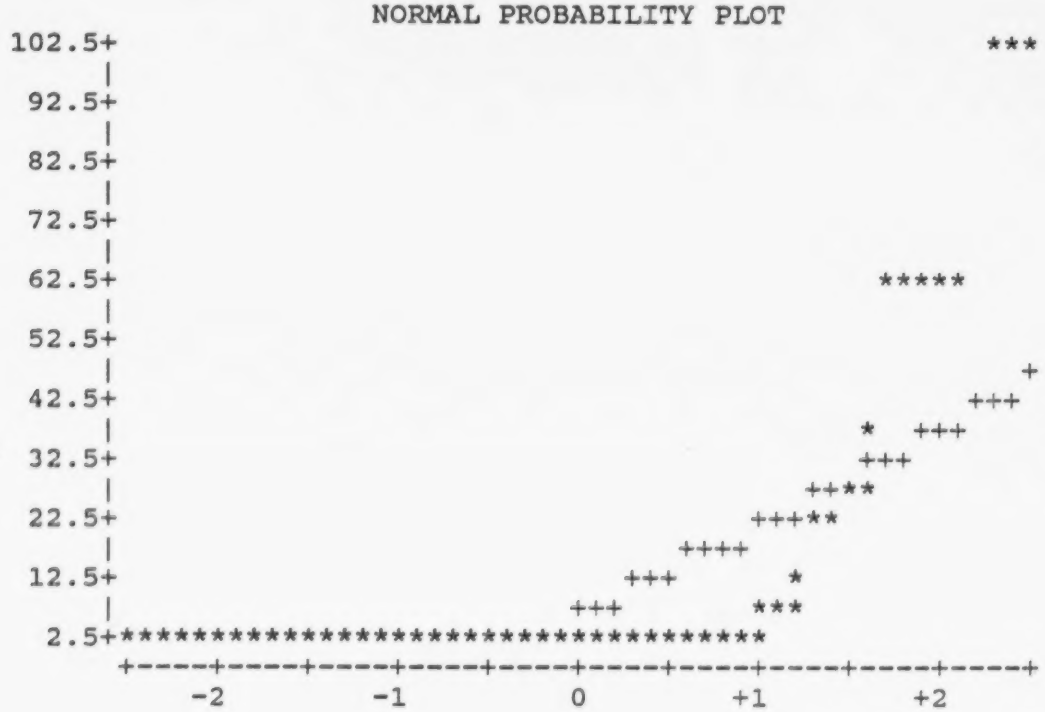
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Percentage Use of Loans for Capital Outlay

NORMAL PROBABILITY PLOT



FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0	136	84.0	84.0	28	3	1.9	94.4
1.7	1	0.6	84.6	35	1	0.6	95.1
5	6	3.7	88.3	60	5	3.1	98.1
10	1	0.6	88.9	61	1	0.6	98.8
14	1	0.6	89.5	100	2	1.2	100.0
20	5	3.1	92.6				

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Original Year of Building Construction (+1900)

MOMENTS

N	457	SUM WGTS	457
MEAN	46.4661	SUM	21235
STD DEV	22.9199	VARIANCE	525.32
SKEWNESS	-0.459153	KURTOSIS	-0.666252
USS	1226253	CSS	239546
CV	49.326	STD MEAN	1.07215
T:MEAN=0	43.3393	PROB>|T|	0.0001
SGN RANK	51832	PROB>|S|	0.0001
NUM ^= 0	456		
D:NORMAL	0.127717	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	85	99%	83.42	LOWEST	HIGHEST
75% Q3	65	95%	79	-14	83
50% MED	53	90%	74	-14	84
25% Q1	27	10%	15.8	-14	84
0% MIN	-14	5%	8	-14	85
		1%	-13.42	-13	85
RANGE	99				
Q3-Q1	38				
MODE	54				

MISSING VALUE	.
COUNT	26
% COUNT/NOBS	5.38

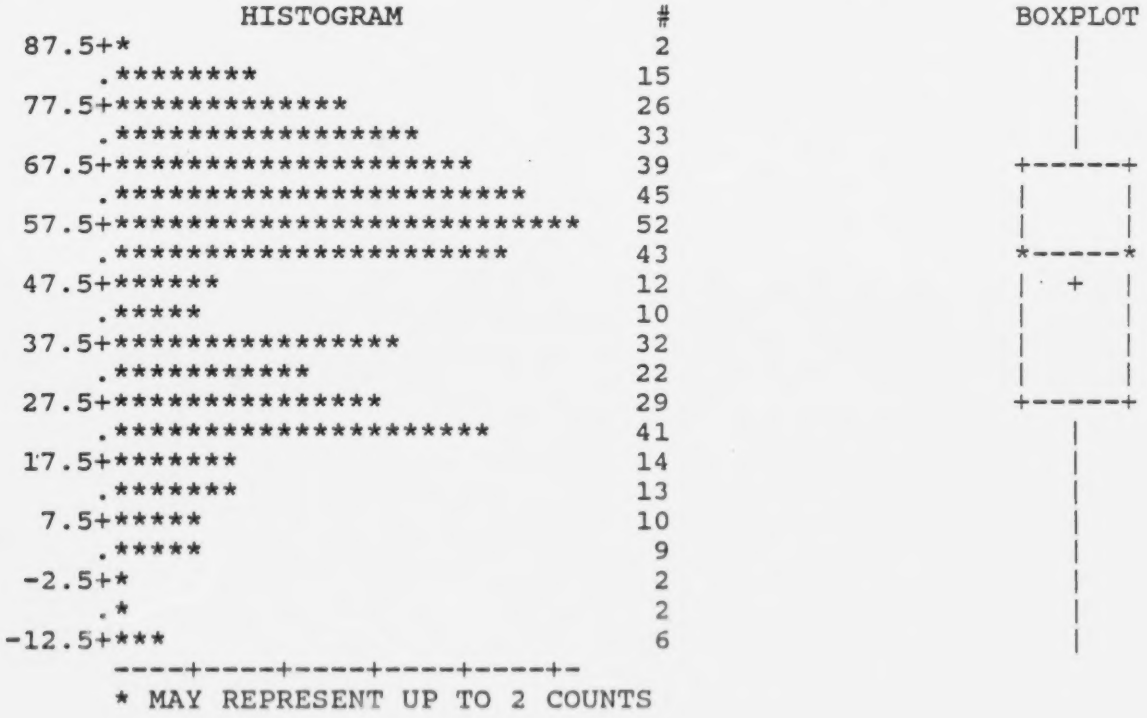
THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

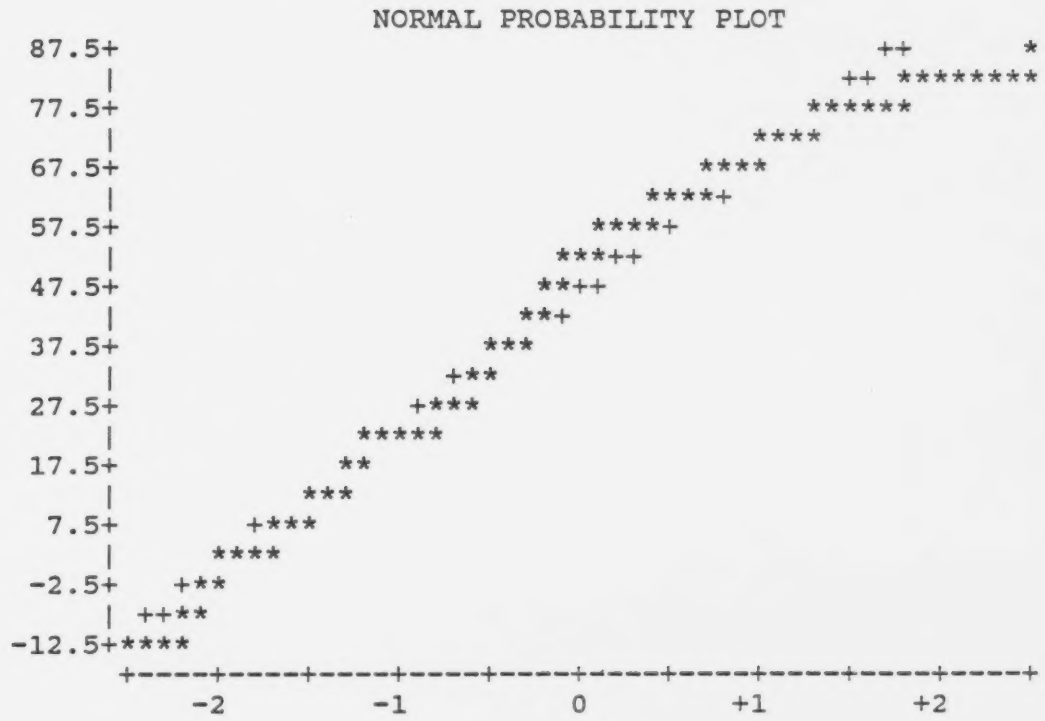
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Original Year of Building Construction (+1900)




NORMAL PROBABILITY PLOT
87.5+
77.5+
67.5+
57.5+
47.5+
37.5+
27.5+
17.5+
7.5+
-2.5+
-12.5+
-2
-1
0
+1
+2

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Original Year of Building Construction (+1900)

FREQUENCY TABLE

		PERCENTS				PERCENTS	
VALUE	COUNT	CELL	CUM	VALUE	COUNT	CELL	CUM
-14	4	0.9	0.9	42	2	0.4	41.1
-13	1	0.2	1.1	43	1	0.2	41.4
-11	1	0.2	1.3	44	1	0.2	41.6
-10	1	0.2	1.5	45	3	0.7	42.2
-6	1	0.2	1.8	46	2	0.4	42.7
-3	1	0.2	2.0	48	4	0.9	43.5
-2	1	0.2	2.2	49	3	0.7	44.2
0	1	0.2	2.4	50	10	2.2	46.4
1	5	1.1	3.5	51	7	1.5	47.9
2	1	0.2	3.7	52	4	0.9	48.8
3	2	0.4	4.2	53	6	1.3	50.1
6	2	0.4	4.6	54	16	3.5	53.6
8	5	1.1	5.7	55	15	3.3	56.9
9	3	0.7	6.3	56	3	0.7	57.5
10	7	1.5	7.9	57	15	3.3	60.8
11	1	0.2	8.1	58	14	3.1	63.9
13	1	0.2	8.3	59	5	1.1	65.0
14	4	0.9	9.2	60	8	1.8	66.7
15	3	0.7	9.8	61	13	2.8	69.6
16	3	0.7	10.5	62	12	2.6	72.2
17	4	0.9	11.4	63	6	1.3	73.5
18	4	0.9	12.3	64	6	1.3	74.8
20	11	2.4	14.7	65	13	2.8	77.7
21	6	1.3	16.0	66	3	0.7	78.3
22	12	2.6	18.6	67	9	2.0	80.3
23	6	1.3	19.9	68	13	2.8	83.2
24	6	1.3	21.2	69	1	0.2	83.4
25	6	1.3	22.5	70	8	1.8	85.1
26	8	1.8	24.3	71	3	0.7	85.8
27	4	0.9	25.2	72	7	1.5	87.3
28	7	1.5	26.7	73	9	2.0	89.3
29	4	0.9	27.6	74	6	1.3	90.6
30	10	2.2	29.8	75	12	2.6	93.2
31	1	0.2	30.0	76	3	0.7	93.9
32	9	2.0	31.9	77	2	0.4	94.3
33	1	0.2	32.2	78	3	0.7	95.0
34	1	0.2	32.4	79	6	1.3	96.3
35	6	1.3	33.7	80	1	0.2	96.5
36	6	1.3	35.0	81	5	1.1	97.6
37	10	2.2	37.2	82	4	0.9	98.5

38	9	2.0	39.2
39	1	0.2	39.4
40	3	0.7	40.0
41	3	0.7	40.7
83	3	0.7	99.1
84	2	0.4	99.6
85	2	0.4	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Value ($) of Original Construction

MOMENTS

N	417	SUM WGTS	417
MEAN	745214	SUM	310754163
STD DEV	1256107	VARIANCE	1.578E+12
SKEWNESS	4.13373	KURTOSIS	24.373
USS	8.879E+14	CSS	6.564E+14
CV	168.557	STD MEAN	61511.8
T:MEAN=0	12.115	PROB>|T|	0.0001
SGN RANK	43368	PROB>|S|	0.0001
NUM ^= 0	416		
D:NORMAL	0.276499	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	12130488	99%	7393169	LOWEST	HIGHEST
75% Q3	800000	95%	3000000	0	6000005
50% MED	300000	90%	1970292	2000	7698986
25% Q1	100000	10%	25000	2000	7698986
0% MIN	0	5%	12000	2000	8200000
		1%	2000	2000	12130488
RANGE	12130488				
Q3-Q1	700000				
MODE	150000				

MISSING VALUE	.
COUNT	66
% COUNT/NOBS	13.66

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Value ($) of Original Construction

HISTOGRAM

```
                                                                #
12250E3+*                                                       1
       .
       .
       .
       .
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       .
       .
       .*                                                       1
       .*                                                       2
       .
       .
6250000+*                                                       1
       .*                                                       1
       .*                                                       1
       .*                                                       2
       .*                                                       1
       .*                                                       4
       .*                                                       4
       .**                                                     11
       .**                                                      8
       .***                                                    18
       .*****                                                  30
       .***********                                            64
 250000+**************************************************     268
       ----+----+----+----+----+----+----+----+----+
       * MAY REPRESENT UP TO 6 COUNTS
```

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Value ($) of Original Construction

BOXPLOT

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Value ($) of Original Construction

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0	1	0.2	0.2	130000	1	0.2	30.0
2000	5	1.2	1.4	133455	1	0.2	30.2
2500	2	0.5	1.9	140000	2	0.5	30.7
4000	1	0.2	2.2	146508	1	0.2	30.9
5000	2	0.5	2.6	150000	20	4.8	35.7
6000	1	0.2	2.9	158000	1	0.2	36.0
7697	1	0.2	3.1	160000	1	0.2	36.2
8700	1	0.2	3.4	161000	1	0.2	36.5
10000	5	1.2	4.6	162006	1	0.2	36.7
12000	2	0.5	5.0	173837	1	0.2	36.9
12500	1	0.2	5.3	175000	1	0.2	37.2
15000	5	1.2	6.5	180000	2	0.5	37.6
17500	1	0.2	6.7	200000	14	3.4	41.0
20000	8	1.9	8.6	202286	1	0.2	41.2
22000	1	0.2	8.9	209954	1	0.2	41.5
24546	1	0.2	9.1	210000	1	0.2	41.7
25000	7	1.7	10.8	220000	2	0.5	42.2
28000	1	0.2	11.0	224305	1	0.2	42.4
30000	1	0.2	11.3	225000	2	0.5	42.9
31952	1	0.2	11.5	230000	2	0.5	43.4
35000	4	1.0	12.5	235638	1	0.2	43.6
40000	2	0.5	12.9	236000	1	0.2	43.9
41482	1	0.2	13.2	240000	1	0.2	44.1
45000	2	0.5	13.7	242000	1	0.2	44.4
50000	9	2.2	15.8	244417	1	0.2	44.6
51000	1	0.2	16.1	250000	10	2.4	47.0
52000	1	0.2	16.3	257000	1	0.2	47.2
60000	1	0.2	16.5	275000	2	0.5	47.7
60423	1	0.2	16.8	278000	1	0.2	48.0
62016	1	0.2	17.0	280000	1	0.2	48.2
65000	1	0.2	17.3	284875	1	0.2	48.4
71400	1	0.2	17.5	290000	2	0.5	48.9
75000	8	1.9	19.4	295000	1	0.2	49.2
76275	1	0.2	19.7	296000	1	0.2	49.4
80000	4	1.0	20.6	300000	12	2.9	52.3
85000	5	1.2	21.8	300007	1	0.2	52.5
86000	1	0.2	22.1	300564	1	0.2	52.8
89000	1	0.2	22.3	303990	1	0.2	53.0
89586	1	0.2	22.5	314590	1	0.2	53.2
90000	4	1.0	23.5	330000	1	0.2	53.5

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

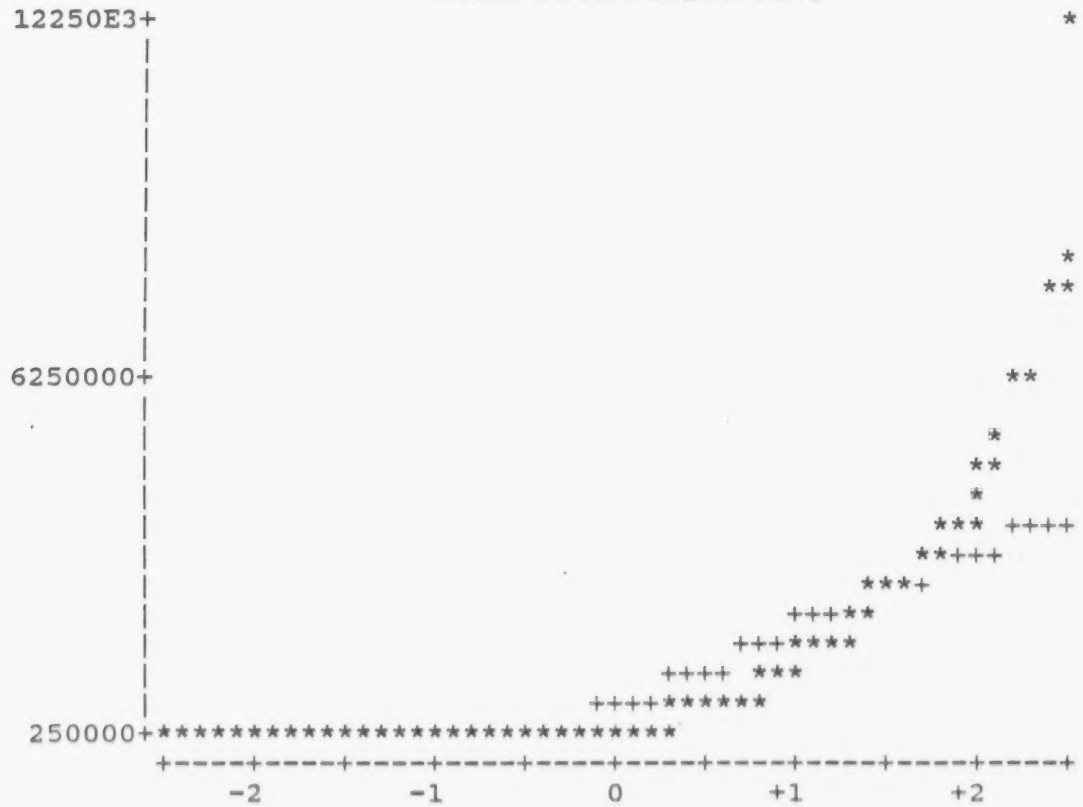
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=ORIGM

NORMAL PROBABILITY PLOT



92478	1	0.2	23.7	334914	1	0.2	53.7
99738	1	0.2	24.0	335000	1	0.2	54.0
100000	13	3.1	27.1	347590	1	0.2	54.2
105000	1	0.2	27.3	350000	6	1.4	55.6
110000	1	0.2	27.6	360000	1	0.2	55.9
118500	1	0.2	27.8	366936	1	0.2	56.1
119000	1	0.2	28.1	374100	1	0.2	56.4
120000	2	0.5	28.5	375000	1	0.2	56.6
124000	1	0.2	28.8	376000	1	0.2	56.8
125000	3	0.7	29.5	380000	1	0.2	57.1
128076	1	0.2	29.7	391008	1	0.2	57.3

VALUE	COUNT	CELL	CUM
400000	3	0.7	58.0
410000	2	0.5	58.5
425000	1	0.2	58.8
450000	4	1.0	59.7
462000	1	0.2	60.0
480000	1	0.2	60.2
481000	1	0.2	60.4
500000	16	3.8	64.3
503867	1	0.2	64.5
515700	1	0.2	64.7
520000	2	0.5	65.2
530000	1	0.2	65.5
541755	1	0.2	65.7
550000	4	1.0	66.7
560000	2	0.5	67.1
562750	1	0.2	67.4
580000	1	0.2	67.6
586853	1	0.2	67.9
600000	7	1.7	69.5
650000	3	0.7	70.3
675000	2	0.5	70.7
695000	1	0.2	71.0
700000	3	0.7	71.7
713914	1	0.2	71.9
723305	1	0.2	72.2
740000	1	0.2	72.4
747307	1	0.2	72.7
749221	1	0.2	72.9
750000	8	1.9	74.8
800000	2	0.5	75.3
813907	1	0.2	75.5
825000	1	0.2	75.8
850000	3	0.7	76.5
862960	1	0.2	76.7
864964	1	0.2	77.0
880000	1	0.2	77.2
900000	1	0.2	77.5
907500	1	0.2	77.7
920864	1	0.2	77.9
935000	1	0.2	78.2
950000	2	0.5	78.7
1000000	4	1.0	79.6
1006410	1	0.2	79.9
1050000	1	0.2	80.1
1080963	1	0.2	80.3
1083757	1	0.2	80.6
1100000	4	1.0	81.5
1118770	1	0.2	81.8
1200000	2	0.5	82.3
1204625	1	0.2	82.5
1250000	1	0.2	82.7
1300000	2	0.5	83.2
1382900	1	0.2	83.5
1400000	4	1.0	84.4
1500000	10	2.4	86.8
1600000	1	0.2	87.1
1615000	1	0.2	87.3
1634617	1	0.2	87.5
1684222	1	0.2	87.8
1700000	2	0.5	88.2
1720230	1	0.2	88.5
1780000	1	0.2	88.7
1800000	1	0.2	89.0
1900000	2	0.5	89.4
1907509	1	0.2	89.7
1968579	1	0.2	89.9
1969865	1	0.2	90.2
1972000	1	0.2	90.4
2000000	3	0.7	91.1
2167515	1	0.2	91.4
2200000	1	0.2	91.6
2300000	2	0.5	92.1
2400000	1	0.2	92.3
2500000	3	0.7	93.0
2600000	1	0.2	93.3
2624000	1	0.2	93.5
2652679	1	0.2	93.8
2744677	1	0.2	94.0
2800000	1	0.2	94.2
2850633	1	0.2	94.5
2889000	1	0.2	94.7
2939124	1	0.2	95.0
3000000	3	0.7	95.7
3100000	1	0.2	95.9
3102662	1	0.2	96.2
3440592	1	0.2	96.4
3452984	1	0.2	96.6
3700000	1	0.2	96.9
3750000	1	0.2	97.1
3800000	1	0.2	97.4
3880495	1	0.2	97.6
4144815	1	0.2	97.8
4645749	1	0.2	98.1
4905610	1	0.2	98.3
5100000	1	0.2	98.6
6000000	1	0.2	98.8
6000005	1	0.2	99.0
7698986	2	0.5	99.5
8200000	1	0.2	99.8
12130488	1	0.2	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Adequacy of the Building for Current Enrollment (1=yes,2=no)

MOMENTS

N	466	SUM WGTS	466
MEAN	1.16953	SUM	545
STD DEV	0.375621	VARIANCE	0.141091
SKEWNESS	1.76719	KURTOSIS	1.12778
USS	703	CSS	65.6073
CV	32.1173	STD MEAN	0.0174003
T:MEAN=0	67.2131	PROB>|T|	0.0001
SGN RANK	54405.5	PROB>|S|	0.0001
NUM ^= 0	466		
D:NORMAL	0.504595	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	2	99%	2	LOWEST	HIGHEST
75% Q3	1	95%	2	1	2
50% MED	1	90%	2	1	2
25% Q1	1	10%	1	1	2
0% MIN	1	5%	1	1	2
		1%	1	1	2
RANGE	1				
Q3-Q1	0				
MODE	1				

MISSING VALUE	.
COUNT	17
% COUNT/NOBS	3.52

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Adequacy of the Building for Current Enrollment (1=yes,2=no)

HISTOGRAM

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                                                    #
2.025+*********                                     79
     .
1.925+
     .
1.825+
     .
1.725+
     .
1.625+
     .
1.525+
     .
1.425+
     .
1.325+
     .
1.225+
     .
1.125+
     .
1.025+**********************************************  387
      ----+----+----+----+----+----+----+----+----+---
      * MAY REPRESENT UP TO 9 COUNTS
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BOXPLOT

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      *
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      +
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      |
      |
      |
      *------*
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THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

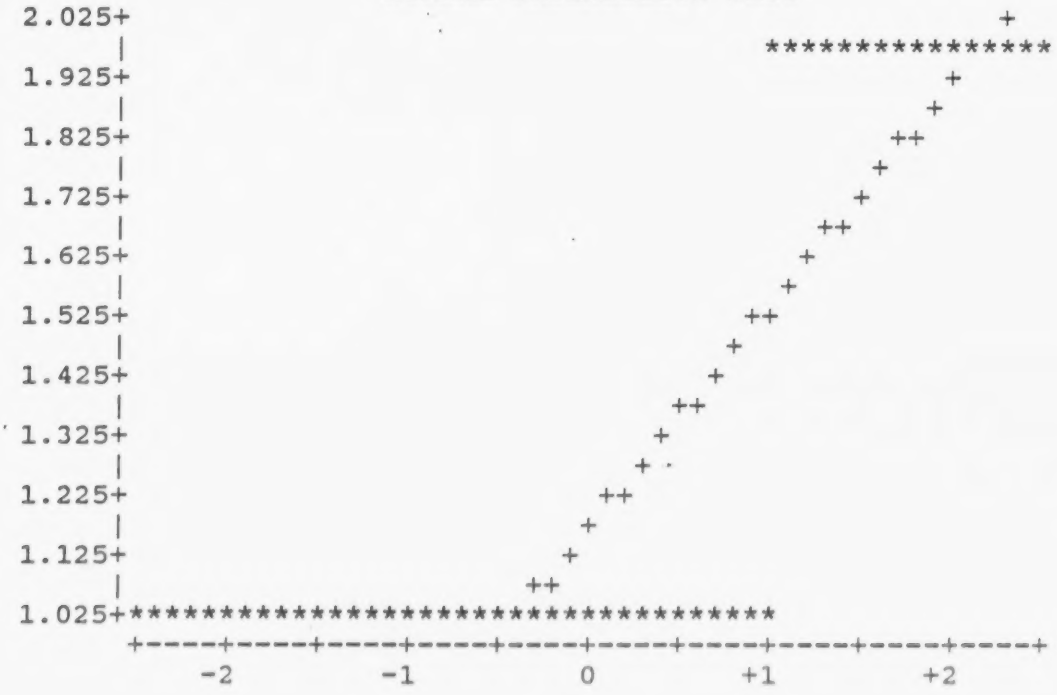
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Adequacy of the Building for Current Enrollment (1=yes,2=no)

NORMAL PROBABILITY PLOT



FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
1	387	83.0	83.0	2	79	17.0	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Building Safe by OSHA Standards (1=yes, 2=no)

MOMENTS

N	466	SUM WGTS	466
MEAN	1.07296	SUM	500
STD DEV	0.260353	VARIANCE	0.0677835
SKEWNESS	3.2946	KURTOSIS	8.89256
USS	568	CSS	31.5193
CV	24.2649	STD MEAN	0.0120606
T:MEAN=0	88.9642	PROB>|T|	0.0001
SGN RANK	54405.5	PROB>|S|	0.0001
NUM ^= 0	466		
D:NORMAL	0.537392	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	2	99%	2	LOWEST	HIGHEST
75% Q3	1	95%	2	1	2
50% MED	1	90%	1	1	2
25% Q1	1	10%	1	1	2
0% MIN	1	5%	1	1	2
		1%	1	1	2
RANGE	1				
Q3-Q1	0				
MODE	1				

MISSING VALUE	.
COUNT	17
% COUNT/NOBS	3.52

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Building Safe by OSHA Standards (1=yes, 2=no)

HISTOGRAM

```
                                                          #
2.025+****                                               34
     .
1.925+
     .
1.825+
     .
1.725+
     .
1.625+
     .
1.525+
     .
1.425+
     .
1.325+
     .
1.225+
     .
1.125+
     .
1.025+**************************************************  432
      ----+----+----+----+----+----+----+----+----+---
      * MAY REPRESENT UP TO 9 COUNTS
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BOXPLOT

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      *

      +
      *------*
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THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

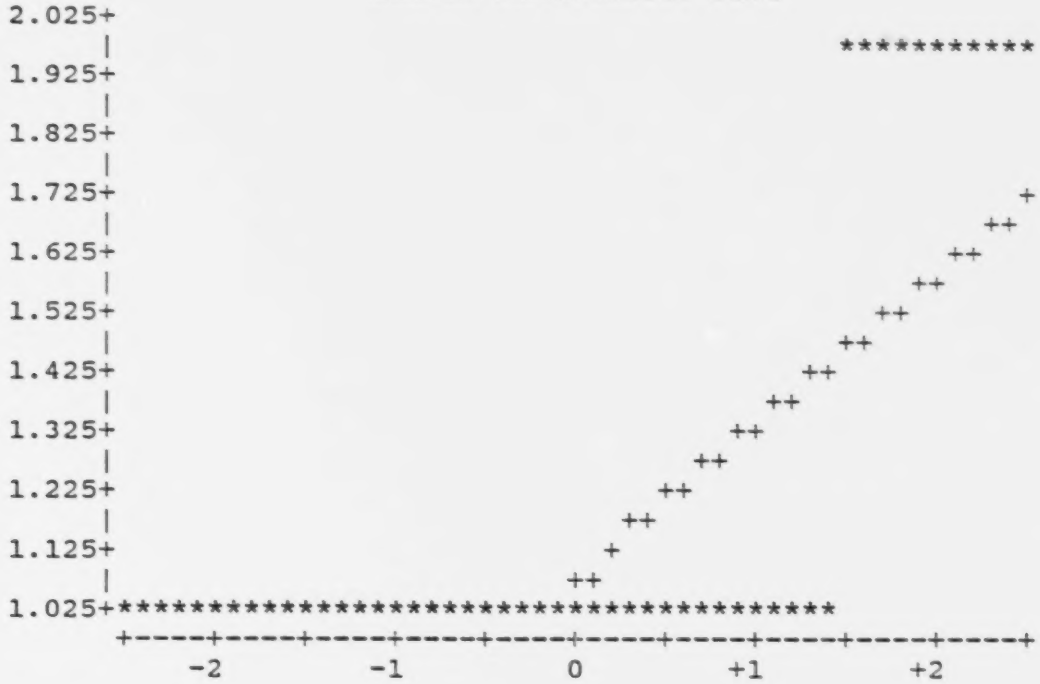
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Building Safe by OSHA Standards (1=yes, 2=no)

NORMAL PROBABILITY PLOT



FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
1	432	92.7	92.7	2	34	7.3	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Building Accessible by Handicapped Students (1=yes, 2=no)

MOMENTS

N	463	SUM WGTS	463
MEAN	1.33909	SUM	620
STD DEV	0.473913	VARIANCE	0.224594
SKEWNESS	0.682003	KURTOSIS	-1.5415
USS	934	CSS	103.762
CV	35.3906	STD MEAN	0.0220246
T:MEAN=0	60.7998	PROB>|T|	0.0001
SGN RANK	53708	PROB>|S|	0.0001
NUM ^= 0	463		
D:NORMAL	0.423762	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	2	99%	2	LOWEST	HIGHEST
75% Q3	2	95%	2	1	2
50% MED	1	90%	2	1	2
25% Q1	1	10%	1	1	2
0% MIN	1	5%	1	1	2
		1%	1	1	2
RANGE	1				
Q3-Q1	1				
MODE	1				

MISSING VALUE	.
COUNT	20
% COUNT/NOBS	4.14

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Building Accessible by Handicapped Students (1=yes, 2=no)

HISTOGRAM #

```
2.025+**********************                    157
     .
1.925+
     .
1.825+
     .
1.725+
     .
1.625+
     .
1.525+
     .
1.425+
     .
1.325+
     .
1.225+
     .
1.125+
     .
1.025+**********************************************  306
      ----+----+----+----+----+----+----+----+----+----
      * MAY REPRESENT UP TO 7 COUNTS
```

BOXPLOT

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

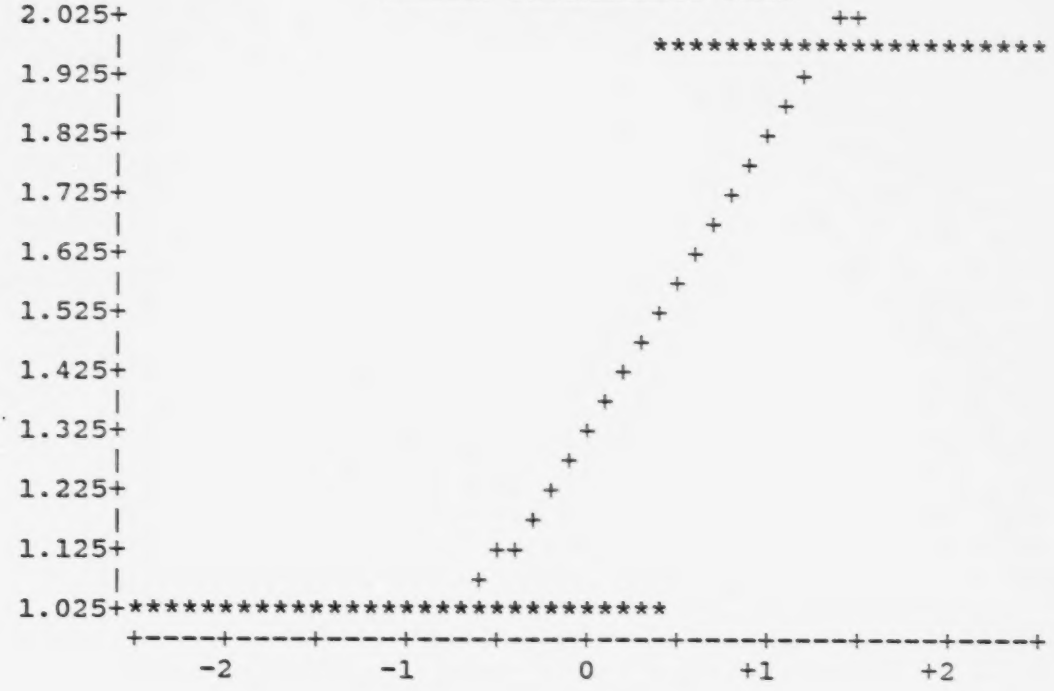
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Building Accessible by Handicapped Students (1=yes, 2=no)

NORMAL PROBABILITY PLOT



FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM
1	306	66.1	66.1
2	157	33.9	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Value ($) of Deferred Maintenance per Building

MOMENTS

N	324	SUM WGTS	324
MEAN	297696	SUM	96453602
STD DEV	1928514	VARIANCE	3.719E+12
SKEWNESS	15.502	KURTOSIS	258.997
USS	1.230E+15	CSS	1.201E+15
CV	647.813	STD MEAN	107140
T:MEAN=0	2.77858	PROB>|T|	0.00577915
SGN RANK	18700.5	PROB>|S|	0.0001
NUM ^= 0	273		
D:NORMAL	0.438661	PROB>D	<.01

QUANTILES(DEF=4)

100% MAX	33004620	99%	6000000
75% Q3	200000	95%	500000
50% MED	67800	90%	350000
25% Q1	15000	10%	0
0% MIN	0	5%	0
		1%	0
RANGE	33004620		
Q3-Q1	185000		
MODE	0		

EXTREMES

LOWEST	HIGHEST
0	1900000
0	3000000
0	7000000
0	7500000
0	33004620

MISSING VALUE .
COUNT 159
% COUNT/NOBS 32.92

HISTOGRAM

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                                                  #
33000E3+*                                         1
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       .
17000E3+
       .
       .*                                         2
       .
       .*                                         1
1000000+************************************************ 320
       ----+----+----+----+----+----+----+----+----+-
       * MAY REPRESENT UP TO 7 COUNTS
```

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

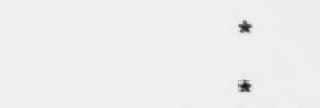
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

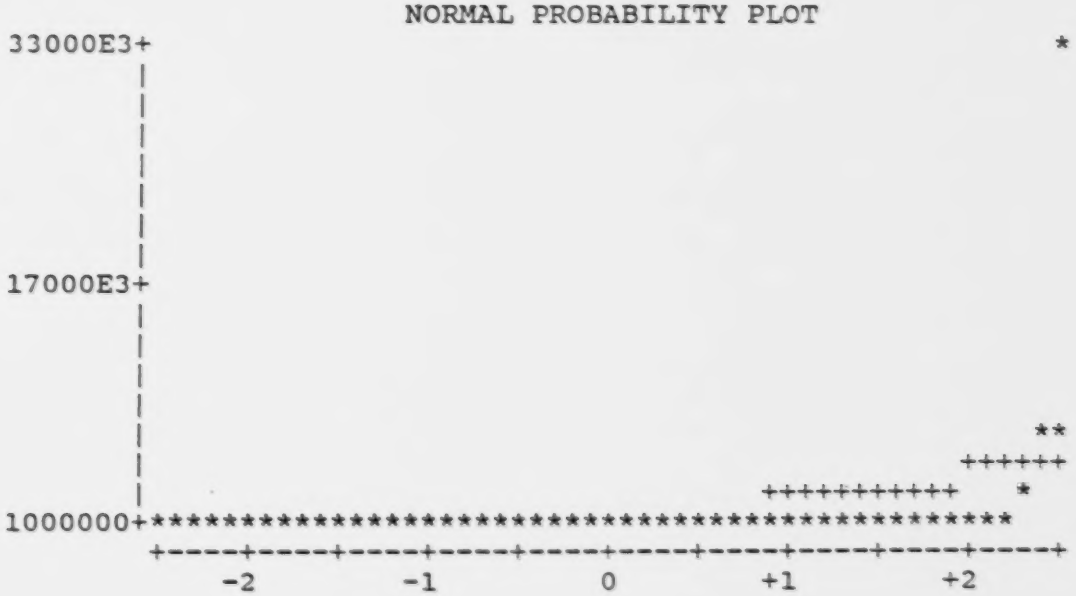
UNIVARIATE

VARIABLE=Value ($) of Deferred Maintenance per Building

BOXPLOT



NORMAL PROBABILITY PLOT



THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Value ($) of Deferred Maintenance per Building

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
0	51	15.7	15.7	122150	1	0.3	67.9
100	4	1.2	17.0	125000	1	0.3	68.2
1000	1	0.3	17.3	129000	1	0.3	68.5
3000	1	0.3	17.6	130000	1	0.3	68.8
4000	2	0.6	18.2	137000	1	0.3	69.1
5000	5	1.5	19.8	150000	7	2.2	71.3
6000	3	0.9	20.7	152000	1	0.3	71.6
8000	2	0.6	21.3	154350	1	0.3	71.9
10000	9	2.8	24.1	160000	1	0.3	72.2
12000	2	0.6	24.7	165450	1	0.3	72.5
15000	3	0.9	25.6	170000	2	0.6	73.1
16000	1	0.3	25.9	175000	1	0.3	73.5
18000	1	0.3	26.2	180000	1	0.3	73.8
20000	8	2.5	28.7	185000	1	0.3	74.1
24000	1	0.3	29.0	190000	1	0.3	74.4
25000	10	3.1	32.1	200000	18	5.6	79.9
25088	1	0.3	32.4	212200	1	0.3	80.2
27000	1	0.3	32.7	218700	1	0.3	80.6
30000	8	2.5	35.2	220000	3	0.9	81.5
35000	3	0.9	36.1	243200	1	0.3	81.8
38100	1	0.3	36.4	247600	1	0.3	82.1
39800	1	0.3	36.7	250000	9	2.8	84.9
40000	9	2.8	39.5	251000	1	0.3	85.2
45000	2	0.6	40.1	260000	1	0.3	85.5
46000	1	0.3	40.4	280000	1	0.3	85.8
50000	24	7.4	47.8	280650	1	0.3	86.1
52000	1	0.3	48.1	300000	9	2.8	88.9
55000	1	0.3	48.5	320000	1	0.3	89.2
60000	3	0.9	49.4	330000	1	0.3	89.5
65600	1	0.3	49.7	350000	5	1.5	91.0
66750	1	0.3	50.0	380000	1	0.3	91.4
68850	1	0.3	50.3	398700	1	0.3	91.7
70000	2	0.6	50.9	400000	1	0.3	92.0
72000	2	0.6	51.5	450000	2	0.6	92.6
75000	5	1.5	53.1	500000	10	3.1	95.7
78000	1	0.3	53.4	900000	1	0.3	96.0
80000	4	1.2	54.6	1000000	1	0.3	96.3
80100	1	0.3	54.9	1008294	1	0.3	96.6
85000	1	0.3	55.2	1100000	1	0.3	96.9
88000	1	0.3	55.6	1300000	1	0.3	97.2

90000	1	0.3	55.9	1500000	4	1.2	98.5
100000	31	9.6	65.4	1900000	1	0.3	98.8
105000	1	0.3	65.7	3000000	1	0.3	99.1
110000	1	0.3	66.0	7000000	1	0.3	99.4
111000	1	0.3	66.4	7500000	1	0.3	99.7
120000	4	1.2	67.6	33004620	1	0.3	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Estimated Current Replacement Cost of the Building

MOMENTS

N	453	SUM WGTS	453
MEAN	2825138	SUM	1279787443
STD DEV	3446564	VARIANCE	1.188E+13
SKEWNESS	5.47236	KURTOSIS	47.5974
USS	8.985E+15	CSS	5.369E+15
CV	121.996	STD MEAN	161934
T:MEAN=0	17.4463	PROB>|T|	0.0001
SGN RANK	51415.5	PROB>|S|	0.0001
NUM ^= 0	453		
D:NORMAL	0.207023	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	40089500	99%	15377241	LOWEST	HIGHEST
75% Q3	3500000	95%	8000000	10000	15000000
50% MED	2000000	90%	6155400	15000	15820090
25% Q1	1000000	10%	500000	20000	18000000
0% MIN	10000	5%	200000	20000	35000000
		1%	20000	20000	40089500
RANGE	40079500				
Q3-Q1	2500000				
MODE	2500000				

MISSING VALUE	.
COUNT	30
% COUNT/NOBS	6.21

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Estimated Current Replacement Cost of the Building

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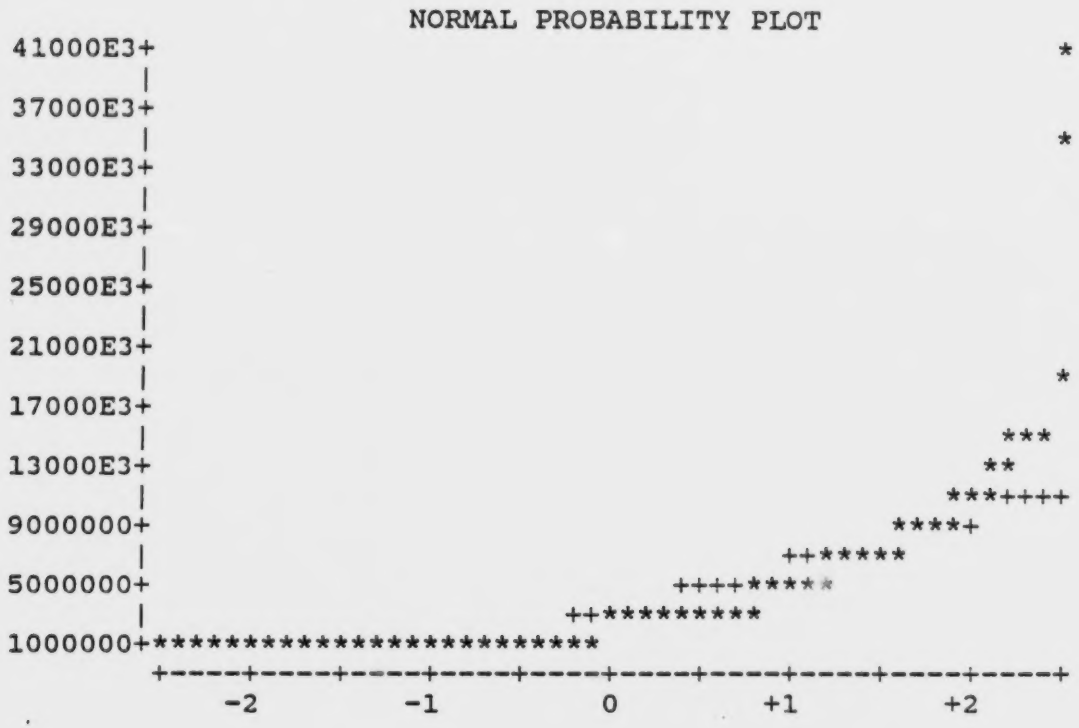
                    HISTOGRAM                          #     BOXPLOT
41000E3+*                                              1        *
       .
37000E3+
       .*                                              1        *
33000E3+
       .
29000E3+
       .
25000E3+
       .
21000E3+
       .                                                        *
17000E3+*                                              1
       .*                                              3        *
13000E3+*                                              2        *
       .*                                              3        0
9000000+**                                             9        0
       .*****                                         25        0
5000000+******                                        36        |
       .**********************                       131     *--+--*
1000000+*****************************************     241     +-----+
        ----+----+----+----+----+----+----+----+-
        * MAY REPRESENT UP TO 6 COUNTS
```


NORMAL PROBABILITY PLOT
41000E3+
37000E3+
33000E3+
29000E3+
25000E3+
21000E3+
17000E3+
13000E3+
9000000+
5000000+
1000000+
-2
-1
0
+1
+2

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Estimated Current Replacement Cost of the Building

FREQUENCY TABLE

		PERCENTS				PERCENTS	
VALUE	COUNT	CELL	CUM	VALUE	COUNT	CELL	CUM
10000	1	0.2	0.2	1084600	1	0.2	28.7
15000	1	0.2	0.4	1100000	2	0.4	29.1
20000	3	0.7	1.1	1155000	1	0.2	29.4
25000	2	0.4	1.5	1200000	14	3.1	32.5
35000	1	0.2	1.8	1201347	1	0.2	32.7
45000	1	0.2	2.0	1207339	1	0.2	32.9
75000	2	0.4	2.4	1223250	1	0.2	33.1
90000	1	0.2	2.6	1236400	1	0.2	33.3
100000	2	0.4	3.1	1240812	1	0.2	33.6
105000	1	0.2	3.3	1250000	3	0.7	34.2
120000	1	0.2	3.5	1275750	1	0.2	34.4
125000	1	0.2	3.8	1300000	3	0.7	35.1
150000	1	0.2	4.0	1333330	1	0.2	35.3
160000	1	0.2	4.2	1340935	1	0.2	35.5
200000	7	1.5	5.7	1379170	2	0.4	36.0
250000	2	0.4	6.2	1400000	3	0.7	36.6
285000	1	0.2	6.4	1404000	1	0.2	36.9
300000	4	0.9	7.3	1482398	1	0.2	37.1
350000	1	0.2	7.5	1485260	2	0.4	37.5
360000	1	0.2	7.7	1492778	1	0.2	37.7
375000	1	0.2	7.9	1500000	27	6.0	43.7
400000	2	0.4	8.4	1600000	3	0.7	44.4
450000	1	0.2	8.6	1659193	1	0.2	44.6
450200	1	0.2	8.8	1675000	1	0.2	44.8
465000	1	0.2	9.1	1683000	1	0.2	45.0
487300	1	0.2	9.3	1700000	3	0.7	45.7
500000	11	2.4	11.7	1736437	1	0.2	45.9
560141	1	0.2	11.9	1750000	1	0.2	46.1
565440	1	0.2	12.1	1789000	1	0.2	46.4
700000	6	1.3	13.5	1794096	1	0.2	46.6
748035	1	0.2	13.7	1800000	2	0.4	47.0
750000	11	2.4	16.1	1878000	1	0.2	47.2
780000	1	0.2	16.3	1900000	3	0.7	47.9
790000	1	0.2	16.6	2000000	24	5.3	53.2
792000	1	0.2	16.8	2009282	1	0.2	53.4
800000	12	2.6	19.4	2025000	1	0.2	53.6
850000	2	0.4	19.9	2102990	1	0.2	53.9
884352	1	0.2	20.1	2200000	2	0.4	54.3
890000	1	0.2	20.3	2216856	1	0.2	54.5
893000	1	0.2	20.5	2230000	1	0.2	54.7

900000	5	1.1	21.6	2253060	1	0.2	55.0
913985	1	0.2	21.9	2300000	1	0.2	55.2
945000	1	0.2	22.1	2344444	1	0.2	55.4
950000	4	0.9	23.0	2371000	1	0.2	55.6
964000	1	0.2	23.2	2400000	3	0.7	56.3
1000000	19	4.2	27.4	2420000	1	0.2	56.5
1000022	1	0.2	27.6	2430000	1	0.2	56.7
1014000	1	0.2	27.8	2500000	32	7.1	63.8
1034827	1	0.2	28.0	2645000	1	0.2	64.0
1049608	1	0.2	28.3	2700000	2	0.4	64.5
1074000	1	0.2	28.5	2711841	1	0.2	64.7

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Estimated Current Replacement Cost of the Building

FREQUENCY TABLE (CONT.)

		PERCENTS				PERCENTS	
VALUE	COUNT	CELL	CUM	VALUE	COUNT	CELL	CUM
2741000	1	0.2	64.9	4276900	1	0.2	83.7
2768392	1	0.2	65.1	4489200	1	0.2	83.9
2782776	1	0.2	65.3	4500000	5	1.1	85.0
2800000	2	0.4	65.8	4600000	1	0.2	85.2
2804100	1	0.2	66.0	4741760	1	0.2	85.4
2900000	1	0.2	66.2	4800000	1	0.2	85.7
2964000	1	0.2	66.4	4922000	1	0.2	85.9
3000000	26	5.7	72.2	5000000	7	1.5	87.4
3132748	1	0.2	72.4	5009129	1	0.2	87.6
3200000	1	0.2	72.6	5500000	4	0.9	88.5
3226000	1	0.2	72.8	5600000	1	0.2	88.7
3300000	1	0.2	73.1	6000000	6	1.3	90.1
3322000	1	0.2	73.3	6259000	1	0.2	90.3
3352000	1	0.2	73.5	6500000	3	0.7	90.9
3363580	1	0.2	73.7	6727805	1	0.2	91.2
3400000	2	0.4	74.2	6800000	1	0.2	91.4
3500000	14	3.1	77.3	7000000	13	2.9	94.3
3542000	1	0.2	77.5	7809053	1	0.2	94.5
3545000	1	0.2	77.7	8000000	5	1.1	95.6
3600000	1	0.2	77.9	8070194	1	0.2	95.8
3671199	1	0.2	78.1	8190600	1	0.2	96.0
3680000	1	0.2	78.4	8200160	1	0.2	96.2
3700000	2	0.4	78.8	8500000	1	0.2	96.5
3775970	1	0.2	79.0	9000000	2	0.4	96.9
3798000	1	0.2	79.2	9288000	1	0.2	97.1
3829483	1	0.2	79.5	10000000	2	0.4	97.6
3871840	1	0.2	79.7	10064000	1	0.2	97.8
3960000	1	0.2	79.9	11000000	1	0.2	98.0
3975928	1	0.2	80.1	11360000	1	0.2	98.2
4000000	9	2.0	82.1	12642000	1	0.2	98.5
4025640	1	0.2	82.3	13000000	1	0.2	98.7
4085388	1	0.2	82.6	15000000	2	0.4	99.1
4089200	1	0.2	82.8	15820090	1	0.2	99.3
4100000	1	0.2	83.0	18000000	1	0.2	99.6
4204900	1	0.2	83.2	35000000	1	0.2	99.8
4250000	1	0.2	83.4	40089500	1	0.2	100.0

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Replacement Cost Index for Each Building

MOMENTS

N	437	SUM WGTS	437
MEAN	0.399941	SUM	174.774
STD DEV	0.358761	VARIANCE	0.12871
SKEWNESS	4.55676	KURTOSIS	47.0996
USS	126.017	CSS	56.1175
CV	89.7035	STD MEAN	0.0171619
T:MEAN=0	23.304	PROB>|T|	0.0001
SGN RANK	47633	PROB>|S|	0.0001
NUM ^= 0	436		
D:NORMAL	0.132472	PROB>D	<.01

QUANTILES(DEF=4)				EXTREMES	
100% MAX	4.66913	99%	1.14969	LOWEST	HIGHEST
75% Q3	0.567791	95%	0.933684	0	1.11111
50% MED	0.335	90%	0.818355	.000073196	1.17333
25% Q1	0.162113	10%	0.0533333	0.00285714	1.36
0% MIN	0	5%	0.02795	0.00541307	2.4656
		1%	0.0054936	0.005625	4.66913
RANGE	4.66913				
Q3-Q1	0.405679				
MODE	0.2				

MISSING VALUE	.
COUNT	46
% COUNT/NOBS	9.52

THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Replacement Cost Index for Each Building

HISTOGRAM

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4.7+*                                                   1
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   .*                                                   1
   .***                                                 9
   .***********                                        32
   .**********************                             61
   .*******************************                    89
   .************************************              109
0.1+*********************************************      134
   ----+----+----+----+----+----+----+----+----+
   * MAY REPRESENT UP TO 3 COUNTS
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BOXPLOT

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   0
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THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

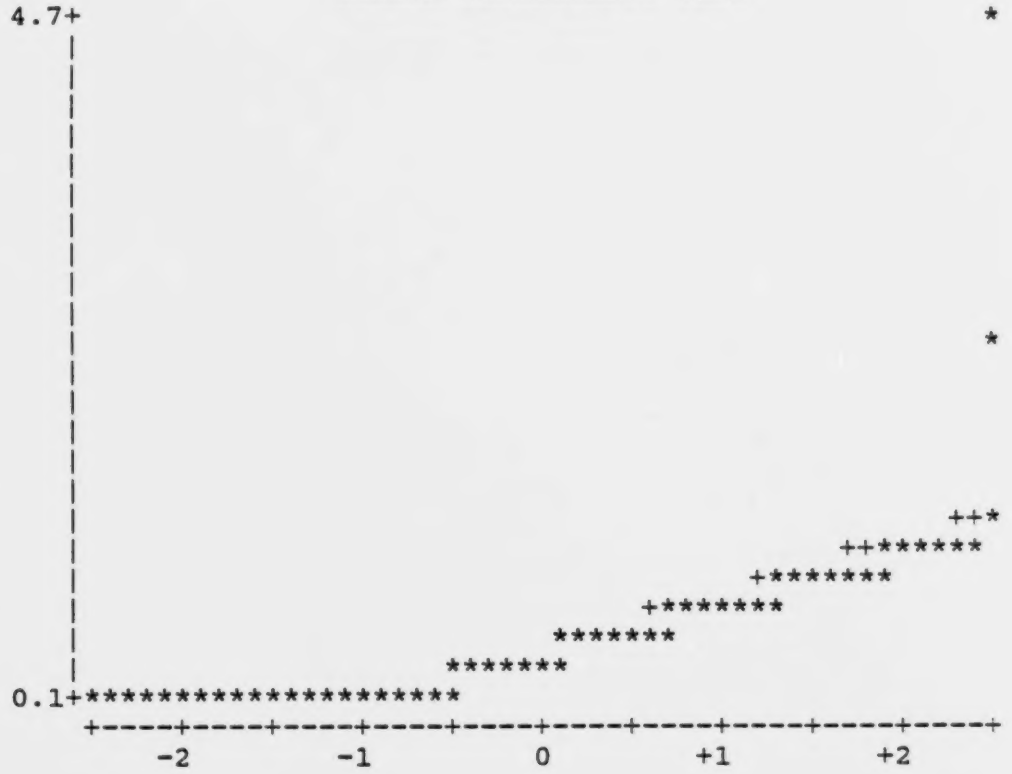
DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Replacement Cost Index for Each Building

NORMAL PROBABILITY PLOT



THE CONDITION OF SCHOOL BUILDINGS IN
RURAL AND SMALL SCHOOL DISTRICTS

DETAILED UNIVARIATE ANALYSIS FOR ALL VARIABLES

THE CENTER FOR RURAL AND SMALL SCHOOLS - KANSAS STATE UNIVERSITY

UNIVARIATE

VARIABLE=Replacement Cost Index for Each Building

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0	1	0.2	0.2	.0729167	1	0.2	12.8
7.3E-05	1	0.2	0.5	0.0744	1	0.2	13.0
0.005625	1	0.2	1.1	0.081335	1	0.2	14.4
0.00625	1	0.2	1.4	0.085	1	0.2	14.6
0.012	1	0.2	2.1	.0862857	1	0.2	15.1
0.014	1	0.2	2.3	.0877778	1	0.2	15.3
0.01625	1	0.2	2.5	0.088	1	0.2	15.6
0.022	1	0.2	3.7	.0949583	1	0.2	16.7
0.025	1	0.2	4.3	0.104684	1	0.2	17.8
0.0275	1	0.2	4.8	0.108	1	0.2	18.3
0.028	1	0.2	5.0	0.108333	1	0.2	18.5
0.0286	1	0.2	5.7	0.11	1	0.2	19.0
0.03125	1	0.2	6.4	0.112889	1	0.2	19.7
0.0348	1	0.2	7.1	0.12	2	0.5	20.6
0.04	1	0.2	8.0	0.126343	1	0.2	21.7
0.04125	1	0.2	8.2	0.133333	1	0.2	22.0
0.042625	1	0.2	8.5	0.136961	1	0.2	22.2
0.048836	1	0.2	9.2	0.138197	1	0.2	22.9
0.05	1	0.2	9.4	0.139969	1	0.2	23.1
0.054	1	0.2	10.1	0.15	1	0.2	23.8
0.0625	2	0.5	10.8	0.154497	1	0.2	24.3
0.0638	1	0.2	11.2	0.160124	1	0.2	24.7
0.064	1	0.2	11.4	0.160725	1	0.2	24.9
0.07	2	0.5	12.4	0.166667	4	0.9	26.3

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FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.1675	1	0.2	26.8	0.274	1	0.2	40.5
0.170667	1	0.2	27.0	0.275846	1	0.2	40.7
0.171429	1	0.2	27.2	0.278	1	0.2	41.0
0.171733	1	0.2	27.5	0.278085	1	0.2	41.2
0.17193	1	0.2	27.7	0.2788	1	0.2	41.4
0.173421	1	0.2	27.9	0.27885	1	0.2	41.6

0.2432	1	0.2	36.8	0.338998	1	0.2	50.6
0.244182	1	0.2	37.1	0.341907	1	0.2	50.8
0.246098	1	0.2	37.3	0.342308	1	0.2	51.0
0.246259	1	0.2	37.5	0.346667	1	0.2	51.3
0.246897	1	0.2	37.8	0.3492	1	0.2	51.5
0.247223	1	0.2	38.0	0.35	1	0.2	51.7
0.25	3	0.7	38.7	0.352941	1	0.2	51.9
0.2688	1	0.2	38.9	0.357393	1	0.2	52.2
0.269286	1	0.2	39.1	0.358333	1	0.2	52.4
0.27	4	0.9	40.0	0.359244	1	0.2	52.6
0.272257	1	0.2	40.3	0.360321	1	0.2	52.9

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FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.365014	1	0.2	53.1	0.454635	1	0.2	65.0
0.3664	1	0.2	53.3	0.456529	1	0.2	65.2
0.37	1	0.2	53.5	0.458333	1	0.2	65.4
0.37225	1	0.2	53.8	0.458678	1	0.2	65.7
0.373333	1	0.2	54.0	0.460867	1	0.2	65.9
0.374611	1	0.2	54.2	0.464167	1	0.2	66.1
0.375	1	0.2	54.5	0.466154	1	0.2	66.4
0.3776	1	0.2	54.7	0.466667	1	0.2	66.6
0.378	1	0.2	54.9	0.477834	1	0.2	66.8
0.38	1	0.2	55.1	0.481206	1	0.2	67.0
0.393386	1	0.2	55.4	0.486364	1	0.2	67.3
0.397381	1	0.2	55.6	0.48913	1	0.2	67.5
0.4	1	0.2	55.8	0.489854	1	0.2	67.7
0.400216	1	0.2	56.1	0.494286	1	0.2	68.0
0.400735	1	0.2	56.3	0.496921	1	0.2	68.2
0.404153	1	0.2	56.5	0.5	5	1.1	69.3
0.404186	1	0.2	56.8	0.502016	1	0.2	69.6
0.404815	1	0.2	57.0	0.509091	1	0.2	69.8
0.405939	1	0.2	57.2	0.52	1	0.2	70.0
0.406897	1	0.2	57.4	0.522388	1	0.2	70.3
0.406954	1	0.2	57.7	0.524167	1	0.2	70.5
0.407609	1	0.2	57.9	0.526875	1	0.2	70.7
0.408005	1	0.2	58.1	0.526885	1	0.2	70.9
0.409023	1	0.2	58.4	0.53125	1	0.2	71.2
0.41	2	0.5	58.8	0.531371	1	0.2	71.4
0.413308	1	0.2	59.0	0.533333	1	0.2	71.6
0.416	1	0.2	59.3	0.537617	1	0.2	71.9
0.4175	1	0.2	59.5	0.537857	1	0.2	72.1
0.42	1	0.2	59.7	0.538889	1	0.2	72.3
0.420142	1	0.2	60.0	0.539969	1	0.2	72.5
0.422222	1	0.2	60.2	0.54	1	0.2	72.8
0.422592	1	0.2	60.4	0.542032	1	0.2	73.0
0.426076	1	0.2	60.6	0.543077	1	0.2	73.2
0.427499	1	0.2	60.9	0.548969	1	0.2	73.5
0.428667	1	0.2	61.1	0.5498	1	0.2	73.7
0.43148	1	0.2	61.3	0.550926	1	0.2	73.9
0.432064	1	0.2	61.6	0.552509	1	0.2	74.1
0.433333	1	0.2	61.8	0.556599	1	0.2	74.4
0.433483	1	0.2	62.0	0.557143	1	0.2	74.6
0.433503	1	0.2	62.2	0.5625	1	0.2	74.8

0.433919	1	0.2	62.5	0.564154	1	0.2	75.1
0.435	1	0.2	62.7	0.571429	1	0.2	75.3
0.437462	1	0.2	62.9	0.576714	1	0.2	75.5
0.4375	1	0.2	63.2	0.58	1	0.2	75.7
0.438141	1	0.2	63.4	0.586098	1	0.2	76.0
0.438333	1	0.2	63.6	0.6	3	0.7	76.7
0.438571	1	0.2	63.8	0.602047	1	0.2	76.9
0.442051	1	0.2	64.1	0.6032	1	0.2	77.1
0.443237	1	0.2	64.3	0.606	1	0.2	77.3
0.446296	1	0.2	64.5	0.611111	1	0.2	77.6
0.448571	1	0.2	64.8	0.611367	1	0.2	77.8

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FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS CELL	PERCENTS CUM	VALUE	COUNT	PERCENTS CELL	PERCENTS CUM
0.61347	1	0.2	78.0	0.791667	1	0.2	89.9
0.615385	1	0.2	78.3	0.818182	1	0.2	90.2
0.61929	1	0.2	78.5	0.819048	1	0.2	90.4
0.623333	1	0.2	78.7	0.82	1	0.2	90.6
0.624	1	0.2	78.9	0.831057	1	0.2	90.8
0.625	2	0.5	79.4	0.85	2	0.5	91.3
0.625562	1	0.2	79.6	0.853502	1	0.2	91.5
0.626667	1	0.2	79.9	0.855882	1	0.2	91.8
0.63	1	0.2	80.1	0.857143	2	0.5	92.2
0.635836	1	0.2	80.3	0.865	1	0.2	92.4
0.637664	1	0.2	80.5	0.8665	1	0.2	92.7
0.645064	1	0.2	80.8	0.866667	1	0.2	92.9
0.65	1	0.2	81.0	0.874667	1	0.2	93.1
0.6525	1	0.2	81.2	0.883749	1	0.2	93.4
0.666667	4	0.9	82.2	0.8888	1	0.2	93.6
0.673	1	0.2	82.4	0.899471	1	0.2	93.8
0.67701	1	0.2	82.6	0.904941	1	0.2	94.1
0.681471	1	0.2	82.8	0.911111	1	0.2	94.3
0.682914	1	0.2	83.1	0.928788	1	0.2	94.5
0.686667	1	0.2	83.3	0.92915	1	0.2	94.7
0.688	1	0.2	83.5	0.933333	2	0.5	95.2
0.692143	1	0.2	83.8	0.936842	1	0.2	95.4
0.7	1	0.2	84.0	0.961246	1	0.2	95.7
0.712658	1	0.2	84.2	0.966667	1	0.2	95.9
0.71875	1	0.2	84.4	0.974487	1	0.2	96.1
0.722857	1	0.2	84.7	0.975	1	0.2	96.3
0.73129	1	0.2	84.9	0.978652	1	0.2	96.6
0.733333	3	0.7	85.6	0.985714	1	0.2	96.8
0.733667	1	0.2	85.8	0.986	1	0.2	97.0
0.74	1	0.2	86.0	0.986567	1	0.2	97.3
0.743333	1	0.2	86.3	1	2	0.5	97.7
0.74375	1	0.2	86.5	1.00556	1	0.2	97.9
0.744	1	0.2	86.7	1.01333	1	0.2	98.2
0.744587	1	0.2	87.0	1.016	1	0.2	98.4
0.745441	1	0.2	87.2	1.01789	1	0.2	98.6
0.745965	1	0.2	87.4	1.052	1	0.2	98.9
0.75	4	0.9	88.3	1.11111	1	0.2	99.1
0.765698	1	0.2	88.6	1.17333	1	0.2	99.3
0.769899	2	0.5	89.0	1.36	1	0.2	99.5
0.777778	1	0.2	89.2	2.4656	1	0.2	99.8

0.783108	1	0.2	89.5	4.66913	1	0.2	100.0
0.791372	1	0.2	89.7				